TAPR Hot Technologies Related to APRS Special Interest Group Archive, January 2001 through January 2002

January 2001 through January 2002

TAPR's forum for new APRS-related hardware and technology, particularly APRS-ready radios such as the Kenwood TH-D7 and TM-D700, along with GPS interfaces, cables, firmware, packet operation, satellites, mobile installations, troubleshooting, and operating techniques.

This volume contains 13 original monthly files and 1,316 messages, arranged chronologically. The PDF is a readable access copy: MIME transfer encodings are decoded, HTML bodies are converted to plain text, and non-text attachments are represented by descriptive notes. The raw source text is supplied separately with the Internet Archive item.

Month	Messages	Original source file
2001-01	207	htaprs.0101
2001-02	155	htaprs.0102
2001-03	115	htaprs.0103
2001-04	79	htaprs.0104
2001-05	61	htaprs.0105
2001-06	161	htaprs.0106
2001-07	108	htaprs.0107
2001-08	44	htaprs.0108
2001-09	120	htaprs.0109
2001-10	81	htaprs.0110
2001-11	50	htaprs.0111
2001-12	45	htaprs.0112
2002-01	90	htaprs.0201

January 2001

Original source file: htaprs.0101
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0101

1. [htaprs] Palm OS PocketAPRS maps??

From: Jack Chomley <chomley@telelink.com.au>
Date: Mon, 01 Jan 2001 21:58:16 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127484-2001.01.01-06.09.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

Does anyone know of any maps for Australia, to suit the above program?
It not cheap to register, so I just want to see if any maps are available,
otherwise its a lost cause.

Jack Chomley
VK4JRC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Re: Porblem with APRSplus

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Mon, 1 Jan 2001 07:47:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127602-2001.01.01-10.06.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WS FULL == Work Space Full, which means that APRS+SA has used up its
allocated memory.

1) Increase the size of the "Work Space" on the Program tab of Setup.
2) Delete data you do not need using the Data tab of Setup.

Brent Hildebrand, KH2Z

APRS+SA
http://www.tapr.org/~kh2z/aprsplus
ftp://ftp.tapr.org/aprssig/winstuff/aprsplus

[]

> I have been encountering a problem with APRS SA for the last few days and
I
> can't seem to find the cause. I get a Program Error "WS FULL"
> (DataSave[7]|||(wrapl'odr Reg 'GetMonitor.Dat] Nsave PATH,'APRSplus.Dat'|
> Anybody know what this it trying to tell me?
>
>
> Mark
> WB0NOO
>
>
> ---
> You are currently subscribed to htaprs as: bhildebrand@earthlink.net
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>
>

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3. [htaprs] RE: Running APRSdos with a D700

From: "Scott-KC5JGV" <kc5jgv@ozarkisp.net>
Date: Mon, 1 Jan 2001 10:51:13 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127640-2001.01.01-11.11.59--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

The Citadel computers that I have for sale are all running dosAPRS. The
version is called APRStch, APRS Touch, for the built-in touch screen. I have
had one running here in the shack for almost a year now. I also have one in
the van connected to the D700, and it runs like a champ in TNC mode.

73
Scott

-----Original Message-----
From: bounce-htaprs-14465@lists.tapr.org
[mailto:bounce-htaprs-14465@lists.tapr.org]On Behalf Of Byron Smith
Sent: Sunday, December 31, 2000 12:50 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Running APRSdos with a D700

I am looking to find others that have run APRSdos with a D700 in TNC mode.
I have done this, but find that the program will lockup the tnc in the
D700. I have seen the D700 send out hundreds of "flags" data. I usually
have to turn off the D700 and turn it back on to clear this constant
transmit.

I have also run Winaprs on the D700 in tnc mode with no lockups.

Byron Smith
wa6ylb@theworks.com - Webpage: http://www.theworks.com/~wa6ylb
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

If all those psychics know the winning lottery numbers, why are they all
still working?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: Palm OS PocketAPRS maps??

From: Robert Winingham <kc5ejk@onramp.net>
Date: Mon, 1 Jan 2001 15:45:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127670-2001.01.01-15.57.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hi Listers,
>
>Does anyone know of any maps for Australia, to suit the above program?
>It not cheap to register, so I just want to see if any maps are available,
>otherwise its a lost cause.

The only way to make maps for PALM APRS is using MacDLG v2.02

MacDLG is a Macintosh program which makes APRS maps (in pocketAPRS, APRSdos
and Mac/WinAPRS native formats) from the U. S. Geological Survey 1:100,000 DLG (Digital
Line Graph) data, in the "optional" format, as downloaded from the USGS FTP site or distributed
on CD-ROM. There is also ability to process U.S. Census Bureau TIGER files.
TIGER Files

Now, how you find Map data for Australia in those formats , I don't know.

You might find map data in TIGER format or a way to make it so.

also see mapformat.html in the docs on the how the format is made.
http://www.pocketaprs.com/mapformat.html

You might want to check with Darryl Smith <vk2tds@ozemail.com.au>
He might have some ideas. Here is a post he made a millennium ago :-)

Date: Sat, 02 Jan 1999 08:57:41 +1100
From: Darryl Smith <vk2tds@ozemail.com.au>
To: aprs sig <aprssig@tapr.org>
Subject: Map Conversion Software

G'Day and Happy New Year

During the heat we have been having down here the last few days, I have
been updating the DXF2MAP software. It now handles the following
conversions

    WinAPRS -> DXF   DXF -> WinAPRS   DXF -> DosAPRS
    DosAPRS -> DXF   PalmAPRS -> DXF

With double conversions it is also possible to translate between
    WinAPRS -> DosAPRS   DosAPRS -> WinAPRS

This software allows you to finally edit your MAPS with a full featured
editor - AutoCAD, or any other decent CAD package. There may be bugs in
this software. It is still being developed. Also conversions from DXF DO
NOT include any text yet. For any release notes see the DXF2MAP.PDF file
in the ZIP file. PLEASE READ ALL THIS DOCUMENT. There are some important
limitations to know about.

PalmAPRS NOTES:
    Mike is still updating the final format of maps for use with
PalmAPRS. This is the reason for no support for these maps in the
software. As soon as the format is finalized, I will release the
conversion software.

ftp://ftp.tapr.org/aprssig/winstuff/WinMisc/

Enjoy. If you would like information about future versions and are not
already on the distribution list please email me. Also if there are
other formats that I should include let me know.

Darryl VK2TDS
Sydney, Australia

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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5. [htaprs] Re: THD7 Beacon now fixed (??)

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 1 Jan 2001 19:00:25 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-127688-2001.01.01-18.12.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 31 Dec 2000, Dr. Werner Furlan wrote:

> > my thd7 doesnt receive much when its battery saver is on, but it txs ok.

> so does mine (it is a THD7 E Firmware trial nr. 2)
> The unit has some bugs, but this one I never saw here.

Its not a bug. No radio with "battery saver" ever works well with packet.
Battery saver means the receiver is off for .8 seconds or so out of every

second. THus the receiver is OFF for the beginning of 80% of all packets.
Once it hears a packet it stays on for 5 seconds, but by then the first
packet is lost...

de WB4APR, Bob

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6. [htaprs] Re: TS 2000's lack of APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 1 Jan 2001 20:35:11 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-127696-2001.01.01-19.47.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 1 Jan 2001, Thomas M. Schaefer wrote:

> Would anyone in the know care to comment on the glaring ommission of APRS
> capability in the new TS-2000?

I certainly told them my 2 cents. Write them. The only reason I have
heard that the TNC is in there is for DX clusters... darn...

> auto-tune it. I realise there may be some licensing issues here and an APRS
> option would be reasonable so only the APRS people have to suport the
> licensing fee, but a 300 baud TNC for HF packet would be great as well.

Nope, no licensing issues to my knowledge...
and 300 baud was on my wish list also...
I too am confused by Kenwood's lack of APRS support in the 2000

bob

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7. [htaprs] Re: TS 2000's lack of APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 2 Jan 2001 09:41:13 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-127748-2001.01.02-08.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After a little thought, I think I have an idea why Kenwood may have left
out an APRS stand-alone mode in the Ts-2000.

Probably because it is a high-end rig, it will usually be operated in the
shack where there are plenty of PC's around that can run the latest and
greatest APRS. No need to be limited to a tiny 1 line APRS display window
when you have PC monitors nearby.

But probably the biggest reason is that APRS is an evolving thing... and
based on the complaints from many people about the upgrades to the D7,
they may have decided it was just too big a risk to burn firmware into a
$1500? radio and then have users carping forever about upgrades. FCC
type-acceptance does not permit a user programmable control processor, so
they would forever be stuck in a can-t-win upgrade pipeline. I guess I
can see the problem.

With PIC's, and PC processors in everything from palmtops to watches, it
may be better to have an external APRS processor...

Just a thought...
de WB4APR, Bob

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8. [htaprs] Re: TS 2000's lack of APRS

From: "Scott-KC5JGV" <kc5jgv@ozarkisp.net>
Date: Fri, 4 Jan 1980 10:58:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-127762-2001.01.02-11.19.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This why I look forward to the day of SDR (software defined radio) which IS
the next big thing. Thus I'll keep my money and wait a few more years!

Scott

-----Original Message-----
From: bounce-htaprs-14465@lists.tapr.org
[mailto:bounce-htaprs-14465@lists.tapr.org]On Behalf Of Bob Bruninga
Sent: Tuesday, January 02, 2001 6:41 AM
To: TAPR Hot Technology APRS
Cc: htaprs@lists.tapr.org
Subject: [htaprs] Re: TS 2000's lack of APRS

After a little thought, I think I have an idea why Kenwood may have left
out an APRS stand-alone mode in the Ts-2000.

Probably because it is a high-end rig, it will usually be operated in the
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greatest APRS. No need to be limited to a tiny 1 line APRS display window
when you have PC monitors nearby.

But probably the biggest reason is that APRS is an evolving thing... and
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$1500? radio and then have users carping forever about upgrades. FCC
type-acceptance does not permit a user programmable control processor, so
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With PIC's, and PC processors in everything from palmtops to watches, it
may be better to have an external APRS processor...

Just a thought...
de WB4APR, Bob

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9. [htaprs] Re: TS 2000's lack of APRS

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Tue, 2 Jan 2001 11:49:43 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127792-2001.01.02-14.02.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> But probably the biggest reason is that APRS is an evolving thing...
> and
> based on the complaints from many people about the upgrades to the
> D7,
> they may have decided it was just too big a risk to burn firmware
> into a
> $1500? radio and then have users carping forever about upgrades. FCC
> type-acceptance does not permit a user programmable control
> processor, so
> they would forever be stuck in a can-t-win upgrade pipeline.

Separating the radio control from the packet protocol programming
would not be a big deal. They could release the core source for
the "protocol" engine. Have a way for the user to easily
upload new versions, probably via flash ram. Then all they'd have
to worry about was making enough hardware to meet the demand.

Bill

_____
Do You Yahoo!?
Yahoo! Photos - Share your holiday photos online!
http://photos.yahoo.com/

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10. [htaprs] Re: TS 2000's lack of APRS

From: "Jeff Tong" <brcomm@imt.net>
Date: Tue, 2 Jan 2001 13:50:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-127812-2001.01.02-15.01.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Better not only keep your money, start saving a lot more!!
Jeff

> This why I look forward to the day of SDR (software defined radio) which
IS
> the next big thing. Thus I'll keep my money and wait a few more years!
>
> Scott
>

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11. [htaprs] Troubles with THD7A resetting....

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 03 Jan 2001 07:00:32 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127815-2001.01.02-15.11.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

In the last couple of days....I have had trouble with my D7A
resetting itself, and losing all settings etc.
It seemed to happen just after realeasing the PTT, the next
time when I unplugged the GPS. Last night, I left it beaconing
for APRS, after a while it crashed :-(
So....has its use by date expired :-) OR is there an extra
Lithium battery inside that has carked?

Jack Chomley
Australia
with a THD7a that keeps losing it's marbles!

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12. [htaprs] Troubles with THD7A connecting to Dell notebook

From: "Frank van Weerdenburg" <frankjr@weerdenburg.nl>
Date: Tue, 2 Jan 2001 22:14:31 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127816-2001.01.02-15.24.18--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Hi listers,

I'm new to this list so my problem may have passed this list already but:

I'm having troubles connecting my TH-d7 to my dell notebook (PIII 500).
It doesn't matter wich software I use.
I also have a Dell PIII 500 desktop wich doesn't give any troubles at all.

Does anyone have an idea what could be wrong?

Thanks in adv.!

Frank van Weerdenburg
The Netherlands

.... Sorry for my English, I'm only dutch! ;-) ....

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13. [htaprs] Re: Troubles with THD7A connecting to Dell notebook

From: Ralph Fowler <rwf@bsrg.org>
Date: Tue, 02 Jan 2001 16:13:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-127818-2001.01.02-15.29.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Reverse your Transmit and Receive Data connections.
That is usually the problem.

>I'm having troubles connecting my TH-d7 to my dell notebook (PIII 500).
>It doesn't matter wich software I use.
>I also have a Dell PIII 500 desktop wich doesn't give any troubles at all.

>Does anyone have an idea what could be wrong?

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14. [htaprs] Re: TS 2000's lack of APRS

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 2 Jan 2001 16:24:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-127820-2001.01.02-15.37.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

If you can get a TS2000 for $1500 go for it! $2300 is what I see on the web sites.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

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15. [htaprs] Re: Troubles with THD7A connecting to Dell notebook

From: rbost@itexas.net (Roy Bost)
Date: Tue, 2 Jan 2001 15:33:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127821-2001.01.02-15.46.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

make sure that your D7 in NOT in APRS mode but in PACKET mode.

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16. [htaprs] Re: TS 2000's lack of APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 2 Jan 2001 17:10:53 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-127825-2001.01.02-16.24.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 2 Jan 2001, Hazen, Dwight L wrote:

> Bob,
> If you can get a TS2000 for $1500 go for it! $2300 is what I see on the web

OOPS, yes, I was just guessing. Looks like I guessed low...

bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: TS 2000's lack of APRS

From: "Rick Olsen" <n6nr@arrl.net>
Date: Tue, 2 Jan 2001 17:23:39 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127902-2001.01.02-19.35.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got the first TS2000 to hit the shelf at Radio Depot in Seattle. I
absolutely LOVE this radio. I agree with the criticism of some folks that
it is really a TS870 with VHF/UHF capabilites tacked on.

But Kenwood has made one serious mistake, one made in lockstep with Alinco
on the DR135TP. Digipeat is NOT included in the TNC instruction set. Most
folks don't realize that this radio IS intended to be used as a mobile rig.
The R2000 remote head, a clone of the TMD700 control head, will be available
sometime this Spring, along with remote cables, brackets, etc. Hence, both
APRS functionality, and digipeat functionality are sorely missing in the
box. I hope that Kenwood will provide these functions with a flash-rom
update, or modification, in the near future.

Having said that, however, I am keeping the radio. I really love it, as I
said. It is sitting proudly atop my FT1000D, and as soon as the RCP-2000
software is available, it will replace my FT847 in my office.

73 de Rick, N6NR
ARRL Techncial Advisor

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18. [htaprs] Re: TS 2000's lack of APRS

From: Skip Allison <sallison@megsinet.net>
Date: Tue, 02 Jan 2001 22:58:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127932-2001.01.02-23.11.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rick Olsen wrote:
.
.
> on the DR135TP. Digipeat is NOT included in the TNC instruction set. Most
> folks don't realize that this radio IS intended to be used as a mobile rig.
> The R2000 remote head, a clone of the TMD700 control head, will be available
> sometime this Spring, along with remote cables, brackets, etc. Hence, both
> APRS functionality, and digipeat functionality are sorely missing in the
> box.

Why would you want digipeat in a mobile? That can cause problems.
Besides, if I had a TS2000 in my car, it would usually be on 20 meters!
Seems like a waste to just leave it on the APRS freq.
I could see a little use for it in a base station. But I assume the
TS2000 can only do one band at a time, so in a base station, the only
time digipeat would be used is when you leave the radio on the APRS
freq. If you want to digipeat, you're much better off with a dedicated
APRS radio/TNC.

Skip
K9SA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: TS 2000's lack of APRS

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 2 Jan 2001 21:52:04 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127950-2001.01.03-00.02.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are a few instances when you would want a portable/mobile Digipeater
for APRS.

During SAR applications when you are in a remote area you might need a
Digipeater just to make it back to base camp. Your searchers could be on
the other side of a ridge and surrounded by mountains. A portable digi
could be set up to get you out. These searchers would also be operating
with trackers that can only put out 2 watts into a rubber duck, so they need
a little help with a car battery running the mobile digi and mobile antenna
to back them up.

Some public service events might have the same need for a portable digi.

Yes, there are times when a portable digi is a nice feature if not a
necessity but it is not the normal mode of operation for a mobile APRS
station.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>
> Why would you want digipeat in a mobile? That can cause problems.
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: TS 2000's lack of APRS

From: "Rick Olsen" <n6nr@arrl.net>
Date: Tue, 2 Jan 2001 22:13:11 -0800

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127953-2001.01.03-00.25.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TS2000 can operate on 20M and 144.39 simultaneously. This is the
essence of the PCT (packet cluster tune) function. As for mobile digipeat,
this function has proven very effective in public service where a
strategically placed mobile has been employed to repeat low power trackers
back to mission base. It has also proven effective from aircraft operating
as a "high-bird" relay on frequencies other than 144.39 (i.e., bike races;
CAP use of APRS).

Rick, N6NR

-----Original Message-----
From: bounce-htaprs-17098@lists.tapr.org
[mailto:bounce-htaprs-17098@lists.tapr.org]On Behalf Of Skip Allison
Sent: Tuesday, January 02, 2001 8:58 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: TS 2000's lack of APRS

Why would you want digipeat in a mobile? That can cause problems.
Besides, if I had a TS2000 in my car, it would usually be on 20 meters!
Seems like a waste to just leave it on the APRS freq.
I could see a little use for it in a base station. But I assume the
TS2000 can only do one band at a time, so in a base station, the only
time digipeat would be used is when you leave the radio on the APRS
freq. If you want to digipeat, you're much better off with a dedicated
APRS radio/TNC.

Skip
K9SA

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21. [htaprs] Re: TS 2000's lack of APRS

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Wed, 3 Jan 2001 14:07:19 +0100 (CET)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-127963-2001.01.03-06.11.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 2 Jan 2001, Skip Allison wrote:

> Rick Olsen wrote:
>
> Why would you want digipeat in a mobile? That can cause problems.
> Besides, if I had a TS2000 in my car, it would usually be on 20 meters!
> Seems like a waste to just leave it on the APRS freq.
> I could see a little use for it in a base station. But I assume the
> TS2000 can only do one band at a time, so in a base station, the only
> time digipeat would be used is when you leave the radio on the APRS
> freq. If you want to digipeat, you're much better off with a dedicated
> APRS radio/TNC.
>
> Skip
> K9SA
>
>From wat I saw it has a second trx for 2m and 70cm fm so that wouldn't be
a problem.
Wat I and most european hams want to know does it do kiss and dama?

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup netherlands
mailto:pe1rdw@aprsnl.org

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22. [htaprs] Re: TS 2000's lack of APRS

From: Bob Snyder <rsnyder@toontown.erial.nj.us>
Date: Wed, 3 Jan 2001 16:07:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128011-2001.01.03-15.21.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, Jan 02, 2001 at 10:58:07PM -0600, Skip Allison wrote:

> Why would you want digipeat in a mobile? That can cause problems.

Why not digipeat mobile? I have my D700 set up to digipeat RELAY when
I'm in the car and the engines running....

Certainly you wouldn't want to do this as a WIDE, or someplace with
heavy-duty usage of APRS, but where I'm located, WIDEs are a bit
scarce right now. If my RELAY can help someone else's low-power packet
reach a WIDE, great. And it shouldn't add too much QRM......

Bob N2KGO
--
Robert Snyder   rsnyder@toontown.erial.nj.us
ICQ #20900813

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23. [htaprs] Re: TS 2000's lack of APRS

From: Skip Allison <sallison@megsinet.net>
Date: Wed, 03 Jan 2001 22:41:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128087-2001.01.03-22.54.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Snyder wrote:
>
> On Tue, Jan 02, 2001 at 10:58:07PM -0600, Skip Allison wrote:
>
> > Why would you want digipeat in a mobile? That can cause problems.
>
> Why not digipeat mobile? I have my D700 set up to digipeat RELAY when
> I'm in the car and the engines running....

If your mobile digipeats another mobiles packet, a fixed digipeater with
a much larger footprint WON'T digipeat it. If you have a couple mobiles
near each other, they will digi each other but may not make it to a
WIDE. We made the mistake of having digi on a couple years ago going to
Dayton. My mobile would send a posit and the mobile next to me would
digi it. Since the path was set to RELAY, WIDE, WIDE, it never made it
to a wide.

SKIP
K9SA

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24. [htaprs] Re: TS 2000's lack of APRS

From: Bob Snyder <rsnyder@toontown.erial.nj.us>
Date: Wed, 3 Jan 2001 23:52:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128089-2001.01.03-23.06.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, Jan 03, 2001 at 10:41:03PM -0600, Skip Allison wrote:

> If your mobile digipeats another mobiles packet, a fixed digipeater with
> a much larger footprint WON'T digipeat it. If you have a couple mobiles

I didn't think RELAY digis paid attention to other digis.... I know the
WIDEN-N protocol doesn't redigi a packet, but that's not the case here, I
think...

Bob N2KGO

--
Robert Snyder   rsnyder@toontown.erial.nj.us
ICQ #20900813

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Mobile digipeating

From: "Jim Gill" <gillj@qwest.net>
Date: Wed, 3 Jan 2001 22:59:09 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128090-2001.01.03-23.16.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > > Why would you want digipeat in a mobile? That can cause problems.
> >
> > Why not digipeat mobile? I have my D700 set up to digipeat RELAY when
> > I'm in the car and the engines running....

Digipeat has _always_ been turned on in all my mobiles. BUT, not with RELAY
or WIDE aliases. I use something like ELAY or VAN or RMOVAN or something...
when I step away from the D700 or KPC3+ in the vehicle while carrying a D7,
I can leave the D7 in Low or Extra Low power. I then set the path on the D7
for ELAY,WIDE or whatever, and save transmit power on the portable by using
the van as a "booster". If you still need a RELAY hop beyond the vehicle
for moving situations, your D7 could still maybe use ELAY,RELAY,WIDE.
Normally having RELAY as other than the first hop causes problems, but if
you're the only one with a carefully selected alias in your mobile, then it
works in that situation.

Be aware, of course, that having the vehicle digi set up with a unique alias
would only help outbound traffic for those portables using it - inbound
traffic would still need to be heard directly by the portable or other
mobile. But in most cases where you might use this setup, that usually is
not an issue.

You could use this for special events, hunting, snowmobiling, traveling
caravans, etc.; whatever situation that you only want specific units to
digipeat using that special alias, without causing general stations to flood
your digi.

Just an idea.
Jim N0RMO
Omaha, NE

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26. [htaprs] Re: TS 2000's lack of APRS

From: "Jim Gill" <gillj@qwest.net>
Date: Wed, 3 Jan 2001 23:04:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128091-2001.01.03-23.21.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > If your mobile digipeats another mobiles packet, a fixed digipeater with
> > a much larger footprint WON'T digipeat it. If you have a couple mobiles
> >
> I didn't think RELAY digis paid attention to other digis.... I know the
> WIDEN-N protocol doesn't redigi a packet, but that's not the case here, I
> think...

Correct, RELAY digis typically don't check for dupes, so if other RELAYs
heard a packet it would still digipeat it. The point is probably collisions
from hidden transmitters keying at the same time, possibly causing the
packet to go no further within a limited area.

Jim   N0RMO
Omaha, NE

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27. [htaprs] Troubles with THD7A connecting to Dell notebook

From: "Frank van Weerdenburg" <frankjr@weerdenburg.nl>
Date: Thu, 4 Jan 2001 09:24:53 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128116-2001.01.04-02.36.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Reverse your Transmit and Receive Data connections.
>> That is usually the problem.

I've tried that, but didn't work.
(I didn't expect it to work because I've used the same cable succesfully
with my desktop.)
It doesn't even communicate with the standard programming software!

Could there be a difference between an rs232 port of a notebook and an rs232
of a desktop?

Desperate Frank

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28. [htaprs] Re: Troubles with THD7A connecting to Dell notebook

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 04 Jan 2001 03:47:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128119-2001.01.04-04.00.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:24 AM 1/4/01, Frank van Weerdenburg wrote:

>Could there be a difference between an rs232 port of a notebook and an rs232
>of a desktop?

In a word. Yes. Most laptop 9 pin serial ports lack the "umph" to power
external circuits as in some data slicers (hamcomm interfaces), but it
should not make a difference on the Kenwood interface.

See: http://www.arcelect.com/rs232.htm

I have seen and heard numerous people complain about the serial ports on
Dell branded notebooks and their inability to communicate with external
devices (look at the sci.geo.satellite-nav newsgroup for examples). I
have never owned a Dell, so I have never had the opportunity to test
one. The majority of the dozen or so laptops I've owned are made by
Gateway for some odd reason... :)

Can the port communicate with other RS-232 devices? Have you tested it
with a TNC, GPS, or Serial Modem?

I know this is a stupid question, but have you made sure that the serial
port on the Kenwood software has been set to the serial port your Laptop is
using?

What OS is on the Dell Laptop? It is not uncommon for Windows to assign
conflicting resources to multiple devices. Is the serial port enabled in
BIOS? Check the Device Manager and IRQ listing to see if there are any
conflicts. Go into safe mode and see if you have any phantom devices in
Device Manager. If so, remove them. Also, try removing all ports in
Device Manager and rebooting. Let the port(s) redetect.

Windows (or another device) may have stolen the port. You might need to
check the system.ini and look for stuff in the [Boot] "drivers =" line. Or
you may need to edit the registry - it's really hard to say if it's software.

I would drop the Laptop to DOS and beg, borrow, buy, or make a loopback
tester and make sure the port is operational. Then test it again after
booting it back to Windows.

Unfortunately, ALL computer OEMS offer absolutely NO guarantee that their
external ports work or work as to an engineering spec. Sad, but
true. Even if you prove that the port is defective, Dell may not repair

or replace the laptop (assuming it's still under warranty). Or they may
replace it with a unit that has the identical flaw...

I have had good luck with the SIIG USB to serial converter.   I tested it
with several GPS's, Kantronics TNC's and my TH-D7(G) and have not had any
problems. Unfortunately I sold all the units I had.

73,

Mark
KC7BXS

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29. [htaprs] RE: Help with TH-D7A(G) and Delorme Tripmate

From: AE5PL <HamLists@ametx.com>
Date: Thu, 4 Jan 2001 06:52:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128127-2001.01.04-07.05.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Tripmate can take "forever" to lock on to the GPS satellites. It's
receiver is not one of the best on the market. That said, it does work and
work well with a clear view of the sky. If you are inside, take it outside.
I use my Tripmate with my TH-D7A(G) in the truck. I put the Tripmate on top
of the dashboard so it has a clear view of the sky through the windshield.
It normally takes 2 to 7 minutes to get its first fix. During that time,
you will hear the beep.

It is actually good that you are hearing a beep. That means that the
TH-D7A(G) is seeing a NMEA data stream so the Tripmate has self-started and
the cable is done correctly. If you press POS you will see zeros with the
degree marks flashing. That indicates that NMEA is being seen from the
Tripmate, just that the Tripmate hasn't locked on to its fix, yet.

Good luck.

73,

Pete Loveall AE5PL
http://www.ametx.com/ae5pl/
mailto:ae5pl@ametx.com

-----Original Message-----
From: Zachary Michael [mailto:kb9uqq_2000@yahoo.com]
Sent: Thursday, December 28, 2000 1:22 PM
To: HT
Subject: [htaprs] Help with TH-D7A(G) and Delorme Tripmate

Hi Gang,
Now that I know that the Tripmate will work, and I have made the cable to
hook it up to the
TH-D7A(G), can somebody please help me get it configured? I made the cable
to hook the Tripmate up
to the D7, and I made a cable that allowed the Tripmate to self-start and
still run on batteries.
Then last night when I plugged it in, all it did was beep at me. Can
somebody help me get this all
worked out? When I plug it in all it does is go "du" then after about ten
seconds it does it
again. I have no idea what this means, and it doesn't explain it in the
manual. I also know that
if it were working correctly, when I push the Position button it should have
the fields filled in
with my latitude and longitude, but it doesn't. I have my settings set
correctly, I think...
GPS UNIT NMEA
WAYPOINT OFF (since I don't have a unit with a display)
LOCATION EVERY 60
GPSTEXT $GPRMC (that's all that the Tripmate outputs)
GPSBAUD 4800
I emailed a friend last night and he told me to reverse the pins on the

connector going to the D7,
but I told him that the pinout should have been right since I got it off the
internet. Maybe that
is my problem. I got it from this website:
http://kg7il.foxinternet.net/ham/aprs/d7pintouts.htm. I
thought that it said that is was the right pinout. I know that the manual
reverses them, thats why
I went on the internet. If somebody can help me I would really, really be
greatful!
Thanks,
Zachary Michael, KB9UQQ

_____
Do You Yahoo!?
Yahoo! Shopping - Thousands of Stores. Millions of Products.
http://shopping.yahoo.com/

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30. [htaprs] Re: aprssig digest: January 02, 2001

From: arizona@uswestmail.net
Date: 4 Jan 2001 06:21:54 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128176-2001.01.04-08.34.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- <frankjr@w...> wrote:

> (I didn't expect it to work because I've used the same cable succesfully
> with my desktop.)
> It doesn't even communicate with the standard programming software!
>
> Could there be a difference between an rs232 port of a notebook and an rs232 of a desktop?

Hello Frank,
I have had the same problem with the D700 and the Dell Laptop. I tried everything and could not get it
to work. I finally gave up.
Works fine with my other laptop and like you said the desktop but not the Dell.
Let me know what you find
Just food for thought...

Scott
KF4NDQ

Scott Sykes

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31. [htaprs] Re: TS 2000's lack of APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 4 Jan 2001 10:52:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-128186-2001.01.04-10.04.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 3 Jan 2001, Skip Allison wrote:

> If your mobile digipeats another mobiles packet, a fixed digipeater with
> a much larger footprint WON'T digipeat it.

Well, it might be more correct to say that you "won't hear it", but there

is nothing that prevents the WIDE-RELAY digipeater from hearing it direct
and also digipeating it.   Usually the local RELAY digi and the HIGH-SITE
RELAY-WIDE digi will digipeat it at the same time. The result is the
originator will hear a collision, and not decode either one of them, and
think that it was unsuccessful, yet all other WIDES surrounding the
RELAY-WIDE digi will probably have heard it correctly from the WIDE.
THus, the packet does propogate outward, but the originator is usually
"blind" to this fact due to the local collision in his vicniity...

bob

  If you have a couple mobiles
> near each other, they will digi each other but may not make it to a
> WIDE. We made the mistake of having digi on a couple years ago going to
> Dayton. My mobile would send a posit and the mobile next to me would
> digi it. Since the path was set to RELAY, WIDE, WIDE, it never made it
> to a wide.
>
> SKIP
> K9SA
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite   http://www.toad.net/~wclement/mim2.htm

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] RE: Mobile digipeating

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Thu, 4 Jan 2001 10:55:49 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128205-2001.01.04-13.08.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Jim Gill
Sent: Wednesday, January 03, 2001 8:59 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Mobile digipeating

>Digipeat has _always_ been turned on in all my mobiles. BUT, not with
RELAY
>or WIDE aliases. I use something like ELAY or VAN or RMOVAN or
something...
>when I step away from the D700 or KPC3+ in the vehicle while carrying a D7,
>I can leave the D7 in Low or Extra Low power. I then set the path on the
D7
>for ELAY,WIDE or whatever, and save transmit power on the portable by using
>the van as a "booster".

You should achieve the same result by setting the first digipeater listing
in the D7 to match the callsign programmed into the D700 - which is certain
to be unique, unless you make the mistake of using the same SSID on more
than one station. No need to use the MYALIAS setting then, and it's obvious
to the casual observer that you are digipeating via another of your own
stations.

73, Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] PG-4W

From: "Jim Gill" <gillj@qwest.net>
Date: Thu, 4 Jan 2001 16:50:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128223-2001.01.04-17.08.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any other sources for a Kenwood PG-4W cable original or clone for the TH-D7
(pre-made only, please)? I already paid the $50 or whatever for my first
Kenwood cable with the CD (waste), and now I want 2 more cables - unwilling
to buy 2 more overpriced CDs.

(PG-4W = db9 to 2.5mm stereo -- data cable for radio to computer)

Jim N0RMO
Omaha NE

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Re: PG-4W

From: "Byon Garrabrant" <byon@mail.com>
Date: Thu, 4 Jan 2001 19:33:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128257-2001.01.04-21.47.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 4 Jan 01, at 16:50, Jim Gill wrote:

> Any other sources for a Kenwood PG-4W cable original or clone for the
> TH-D7 (pre-made only, please)? I already paid the $50 or whatever for my
> first Kenwood cable with the CD (waste), and now I want 2 more cables -
> unwilling to buy 2 more overpriced CDs.
>
> (PG-4W = db9 to 2.5mm stereo -- data cable for radio to computer)
>

I would like to find a couple more of the right angle 2.5mm stereo
connector with the flexible cable, and nothing on the other end, like
the one that came with my D7. They should be pretty cheap. Any
know of a source?

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] Re: PG-4W

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 4 Jan 2001 20:21:44 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128261-2001.01.04-22.32.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radio Shack now carries a 90 degree 2.5 mm plug that you have to wire
yourself.
 It is Radio Shack P/N 274-298.

I am sure you can also get them from Mouser at: www.mouser.com

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>>
> On 4 Jan 01, at 16:50, Jim Gill wrote:
>
>

> I would like to find a couple more of the right angle 2.5mm stereo
> connector with the flexible cable, and nothing on the other end, like
> the one that came with my D7. They should be pretty cheap. Any
> know of a source?
>
> Byon

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: PG-4W

From: "Jim Gill" <gillj@qwest.net>
Date: Thu, 4 Jan 2001 22:16:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128262-2001.01.04-22.34.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mouser has them:

http://www.mouser.com/products/detail.cfm?MPart=172-2010&CustRef=.&source=se
arch&CFID=2330497&CFTOKEN=98841496

Join the lines to form URL if split. I have used a few of these along with
Mike Musick NØQBF's Palm connectors to make custom PocketAPRS->D7 cables.
The Mouser cables are excellent for the money - $3.96 and less in bulk.

Jim N0RMO
Omaha NE

> On 4 Jan 01, at 16:50, Jim Gill wrote:
> > (PG-4W = db9 to 2.5mm stereo -- data cable for radio to computer)

From: "Byon Garrabrant" <byon@mail.com>
> I would like to find a couple more of the right angle 2.5mm stereo
> connector with the flexible cable, and nothing on the other end, like
> the one that came with my D7. They should be pretty cheap. Any
> know of a source?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] D7 Mod... Transmitting beacons more often

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Fri, 5 Jan 2001 18:11:15 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128289-2001.01.05-01.18.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

One of the problems that I have with the D7 with some applications is that
the beaconing rate is set at 30, seconds minimum. In certain applications it
is useful to have a faster update rate, such as once every 1-2 seconds.

I have actually managed to get the radio to transmid the beacon once every 2
seconds by sending the string

        BCN 1<CR>BCN 0<CR>

into the serial port as fast as I can every 2 seconds or so.

Now all I need to do is put this into a PIC processor.. The code should be
relatively simple.. after all it only needs to send 8 characters.

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: PG-4W

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 5 Jan 2001 09:08:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128314-2001.01.05-08.16.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Every now and then a mail message flies by my screen complaining that home
made power cables cause problems in the D7A. I suspect that the D7 is not
tollerant to noise in the power line.

Let the buyer beware!

73's
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Herb Gerhardt,
KB7UVC
Sent: Thursday, January 04, 2001 11:22 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: PG-4W

Radio Shack now carries a 90 degree 2.5 mm plug that you have to wire
yourself.
 It is Radio Shack P/N 274-298.

I am sure you can also get them from Mouser at: www.mouser.com

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>>
> On 4 Jan 01, at 16:50, Jim Gill wrote:
>
>
> I would like to find a couple more of the right angle 2.5mm stereo
> connector with the flexible cable, and nothing on the other end, like
> the one that came with my D7. They should be pretty cheap. Any
> know of a source?
>
> Byon

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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: SUNSAT, D-7g & Email

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 5 Jan 2001 17:23:42 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-128337-2001.01.05-16.36.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 5 Jan 2001, Jim Morrison wrote:

> I never paid much attention to the satellite part of APRS until the last
> week or so when several posts by Bob and others finally caught my eye. I
> have been playing with Sunsat and have been successful at getting my stuff
> to show up on findu.com. I am now trying to get email to work.
> ...It does show up on findu as a message, but does not get to the recipient.

That is because Email must get into APRServe and so far, we still do not
have enough (if any) dedicated APRS SATGATES monitoring the downlink of
SUNSAT and or UO22 full time...

I'm not complaining.. it takes work and time, but several of us are
working toward that goal...

bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] SUNSAT, D-7g & Email

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Fri, 05 Jan 2001 21:47:57
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128336-2001.01.05-16.00.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I never paid much attention to the satellite part of APRS until the last
week or so when several posts by Bob and others finally caught my eye. I
have been playing with Sunsat and have been successful at getting my stuff
to show up on findu.com. I am now trying to get email to work.

On Bob's page, he has an excellent section on working the sats and sending
email. I have tried the format he shows, but have been unable to get email
to get anywhere. It does show up on findu as a message, but does not get to
the recipient.

Here's what I'm doing:
My path is set to APRSAT.
Using the message function of my D-7g, I set the TO as EMAIL.
Then I place the email address at the start of the body of the msg followed
by a short msg. In looking at Bob's format, I see a colon immediately
before the email address. I have tried it both with and without the colon.

I have very little experience with APRS messaging since we do not have a
digi in our area and the only chance I get to play is when I'm on the road.
That's one of the main attractions of the satellite stuff.

I know Sunsat is down for amatuer service right now. My experimenting was
done before the shut off.

Thanks for the suggestions and help.

Jim Morrison
KM5BS
Hobbs, NM
_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

---
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41. [htaprs] Re: SUNSAT, D-7g & Email <LYR16214-128336-2001.01.05-16.00.35--lochner#ing.sun.ac.za@lists.tapr.org>

From: Johann Lochner <lochner@ing.sun.ac.za>
Date: Sat, 06 Jan 2001 01:55:15 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128351-2001.01.05-18.14.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim

> On Bob's page, he has an excellent section on working the sats and
> sending email. I have tried the format he shows, but have been
> unable to get email to get anywhere. It does show up on findu as
> a message, but does not get to the recipient.

As Bob indicated, you need a sat/i-gate to monitor the downlink and
feed the digipeated frames into the APRS network. We hope to feed
all logged data into the network in the future (now it's only fed to
findu.com).

> I know Sunsat is down for amatuer service right now. My
> experimenting was done before the shut off.

Only the voice schedule was cancelled. Digipeating is still enabled.

73 de ZR1CBC, Johann

+---+
  JG Lochner ESL, Universiteit van Stellenbosch
  e-pos: lochner@ing.sun.ac.za
  webtuiste: http://esl.ee.sun.ac.za/~lochner
+---+

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] RE: Help with TH-D7A(G) and Delorme Tripmate

From: John W Wilson <z004391b@bc.seflin.org>
Date: Fri, 5 Jan 2001 23:13:23 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-128397-2001.01.05-22.26.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My Tripmate works just great sitting on the front seat or by the ash tray
near the shifter. It is also good just playing around with it sitting in
my living room connected to my computer or Palm or my TH-D7A. I believe the
thing is well made. It could be the differences in units.

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] More troubles with THD7A resetting....

From: Jack Chomley <chomley@telelink.com.au>
Date: Sat, 06 Jan 2001 22:20:30 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128423-2001.01.06-06.32.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

I am still have some trouble with my D7A resetting for no reason,
this morning, I simply turned it on..AND it reset itself and lost
all my settings. I tried several more switch on/off sequences and
it randomly did the same thing. There seems to be no real pattern to
the problem, same when running external power too.
Any clues appreciated.....

Jack Chomley
VK4JRC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Yaesu FT-817 Aluminum Enclosure

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Sat, 06 Jan 2001 23:51:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128484-2001.01.06-18.04.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Yaesu FT-817 transceiver could be even lighter with an enclosure made of aluminum instead of steel. The steel enclosure weighs 275 g or 9.7 ounces. That's over 30% of the total base weight of the FT-817. An aluminum enclosure made from the same gauge sheet metal would weigh about 140 g or 4.9 ounces. That 4.8 ounces lower weight would constitute a significant savings in a backpacker's weight budget, because all backpacker supplies except fresh water need to be carried the whole length of a trip. The only disadvantage that I can think of is that an aluminum enclosure is not magnetic and therefore will not allow a magnetic keyer paddle like the mini G4ZPY to stick on the enclosure without installing a supplementary steel sheet.

I'd like to install aluminum enclosures on my rig, but I'd have to do it with a larger group of orders for it to be reasonably economical. The manufacture of a cloned enclosure in aluminum is not trivial. It involves compound bending, precision drilling and good-quality painting. The price would be $40 per enclosure pair plus shipping (and 7.9% sales tax for Washington State residents). Please let me know whether or not you are interested.

Please send an e-mail to:
n7rr@arrl.net
Make the SUBJECT one of the following:

FT-817 Al Definitely Yes
FT-817 Al Maybe
FT-817 AL Definitely No

If you wish, you may add more comments in the text of the message, but it's not necessary. Thanks for your help.

73 & 72,
Bruce Prior N7RR
853 Alder Street
Blaine, WA 98230-8030

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Test

From: "fred_flowers" <fred_flowers@email.msn.com>
Date: Sat, 6 Jan 2001 19:29:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128493-2001.01.06-19.42.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all, this is a new user test.

Fred Flowers
KF4QZN

46. [htaprs] Re: D7 Mod... Transmitting beacons more often...now settings loader...

From: Jack Chomley <chomley@telelink.com.au>
Date: Sun, 07 Jan 2001 22:30:33 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128526-2001.01.07-06.42.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:11 PM 1/5/2001 +1100, Darryl wrote:
>G'Day
>One of the problems that I have with the D7 with some applications is that
>the beaconing rate is set at 30, seconds minimum. In certain applications it
>is useful to have a faster update rate, such as once every 1-2 seconds.
>I have actually managed to get the radio to transmid the beacon once every 2
>seconds by sending the string

>
>   BCN 1<CR>BCN 0<CR>
>
>into the serial port as fast as I can every 2 seconds or so.
>Now all I need to do is put this into a PIC processor.. The code should be
>relatively simple.. after all it only needs to send 8 characters.
>Darryl

A great idea, Darryl! An other idea you have given me is.....a parameter
loader for the D7/D700 that has your radio settings embedded in it, in case
you have an unscheduled reset :-(save you keying it all in by hand, if you
don't have your PC/laptop available.
OR a program that does the same thing....that runs under Palm O/S for the
Palm IIIx or IIIc PDA, very simple to reload your radio settings.

Jack Chomley
VK4JRC

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] GPS Engine.....Primestar GPSIII

From: Jack Chomley <chomley@telelink.com.au>
Date: Mon, 08 Jan 2001 17:42:00 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128689-2001.01.08-01.53.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

Have just received e-mail reply from Primestar in Taiwan with
a price for their GPSIII model.....1 to 500 pieces @ US$58 each,
plus shipping.
Has anyone used, or have knowledge of interfacing this unit for
APRS use?

Jack Chomley
VK4JRC

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Uncompressed positions from D7/D700

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Tue, 9 Jan 2001 18:05:29 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128827-2001.01.09-01.13.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

People,

Is there any way to get uncompressed position reports out of a
D7/D7(G)/D700?

Many thanks

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] List for D700 users?

From: Jack Chomley <chomley@telelink.com.au>
Date: Tue, 09 Jan 2001 21:26:08 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-128844-2001.01.09-05.38.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

Is there a list for D700 users? have just bought a new D700, to
keep the D7a company!

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: Uncompressed positions from D7/D700

From: Jack Chomley <chomley@telelink.com.au>
Date: Tue, 09 Jan 2001 21:36:54 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128845-2001.01.09-05.49.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:05 PM 1/9/2001 +1100, you wrote:
>People,
>
>Is there any way to get uncompressed position reports out of a
>D7/D7(G)/D700?
>
>Many thanks
>
>Darryl

What if you ran the internal TNC in packet mode, set transparent
on, fed the GPS data in....trouble is, it would continually spew
data out....wipe out the frequency :-(
I did this with an ordinary PacCom TNC and Yaesu FT290R, but I programmed
a Basic Stamp Micro to filter all data out, except the $GPRMC string,
then parse it to the TNC. Used it with GPSS. Worked great!
trick would be to let a $GPRMC sentence hit the TNC every 30 seconds,
just like beacon timing.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: List for D700 users?

From: "Jim Gill" <gillj@qwest.net>
Date: Tue, 9 Jan 2001 05:42:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128846-2001.01.09-05.55.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hi Listers,
> Is there a list for D700 users? have just bought a new D700, to
> keep the D7a company!

This list right here... htaprs. You may also want to check out the D700
egroup at http://www.egroups.com/group/TMD700A . I have some D700
programming info online - see http://home.netcom.com/~jimgill and click on
the Ham link.

Jim N0RMO
Omaha, NE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] List for TS-2000 users?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Tue, 9 Jan 2001 08:59:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128867-2001.01.09-08.12.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a list for TS-2000 users. I just got one to keep my D700 and D7
company!

> Hi Listers,
> Is there a list for D700 users? have just bought a new D700, to
> keep the D7a company!

  Dwight

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: List for TS-2000 users?

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 9 Jan 2001 09:30:45 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-128872-2001.01.09-08.44.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 9 Jan 2001, Hazen, Dwight L wrote:

>
> Is there a list for TS-2000 users. I just got one to keep my D700 and D7
> company!

If someone in your area is running APRSdata and sending out the once every
10 minute SAT-SKED to the DX list, then the TS-2000 should capture that as
a DX spot and display it on the front panel. Other than that, I don't
think the TS-2000 does anything else in stand alone mode for APRS...
Unless we got lucky and they also let it decode APRS STATUS... ?

Bob

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54. [htaprs] Re: TS 2000's lack of APRS

From: "Jim Gill" <gillj@qwest.net>
Date: Tue, 9 Jan 2001 11:55:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128901-2001.01.09-12.14.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI- According to Kenwood:

----- Original Message -----
From: "Leo Fahmie" <LFahmie@kenwoodusa.com>
To: <jimgill@ix.netcom.com>
Sent: Tuesday, January 09, 2001 11:21 AM

Thank you for your e-mail. I would have to add that most people I have asked
about APRS said they would not like to tie up an all mode transceiver like
the NEW TS-2000 to just operate APRS, and I would have to agree. Since you
have mentioned APRS you probably have some station already operating on
APRS. This transceiver has no equal.......73

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55. [htaprs] Re: Uncompressed positions from D7/D700

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Tue, 9 Jan 2001 22:45:59 +0100 (CET)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-128909-2001.01.09-14.51.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 9 Jan 2001, Darryl Smith wrote:

> People,
>
> Is there any way to get uncompressed position reports out of a
> D7/D7(G)/D700?
>
> Many thanks
>
> Darryl
>
Yes.
go to pkt mode
hook up a computer and set the beacontext and beacon every.
disconect the computer but leave in pkt mode.
the d7/d7(g)/d700 acts like a normal tapr style tnc

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup netherlands
mailto:pe1rdw@aprsnl.org

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56. [htaprs] Using Delorme Street Atlas with Winaprs

From: "rbarrone" <rbarrone@mediaone.net>
Date: Tue, 9 Jan 2001 21:47:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128966-2001.01.09-22.35.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi, I presently have the Delorme "Street Atlas", and would like to use these
maps with Winaprs. Does anyone know if it can be done and if so how?

Thanks, Roger

using a tm-d700
and a tm-d7(G)

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57. [htaprs] RE: Using Delorme Street Atlas with Winaprs

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Wed, 10 Jan 2001 00:07:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128972-2001.01.09-23.20.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WinAPRS doesn't currently have any ability to be interfaced with
Street Atlas. Street level mapping for WinAPRS uses a package
called Precision Mapping by Chicago Mapping.   I don't off the
top of my head where you can get it Precision mapping though.

If you desire to use Street Atlas, give Brent Hildebrand's
(KH2Z), APRS+SA a try!   It is downloadable at the following ftp site:

ftp://ftp.tapr.org/aprssig/winstuff/aprsplus/

You will need to download: APRS+1.ZIP APRS+2.ZIP and the latest

update BETA199YG.ZIP

Its interface is considerbly different than WinAPRS so it takes
some getting used to but I find I run APRS+SA most of the time
except when the weather features of WinAPRS (county maps etc.)
are neccessary during weather events.

Brent has taken a different approach to APRS with his package but
its quite a nice program. Brent continues to be active on the
APRSSIG and there is also an APRSPLUS mailing list which you can
subscribe to (send email to majordomo@k8sn.org and in the text
put subscribe APRSPLUS.)

 73
 Paul
 N4PK

>
> > Hi, I presently have the Delorme "Street Atlas", and would like
> > to use these
> > maps with Winaprs. Does anyone know if it can be done and if so how?
> >

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58. [htaprs] Wiring half-volume external speaker?

From: Russ Brown <brownrj@home.com>
Date: Tue, 09 Jan 2001 21:46:48 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128978-2001.01.09-23.59.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd like to wire a small 8 ohm external speaker to my TH-D7 but with a
twist: The HT itself will be out of reach (for aerodynamic reasons) and
I'd like to be able to flip a SPDT switch to bring the normal volume
down to about half. Would a circuit guru please take a moment to
explain in layman's terms what size resistors would be needed and where
they go?
Thanks,
Russ Brown, KB6LUD

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59. [htaprs] 1Re: Uncompressed positions from D7/D700

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Wed, 10 Jan 2001 20:49:47 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128993-2001.01.10-03.59.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

People

Thanks to those who answered my query. I have come up with some other
information too. The D700 can send uncompressed position reports, but only
in PACKET TNC mode, and then things like the LCD SPEED screen stops working
the format of the data being sent is

VK2TDS>GPS:$PNTS,1,0,10,01,2001,001853,3400.4672,S,15051.7165,E,34,54.00,0,,
000,1*2E

YES, It does start $PNTS, a PRIVATE NMEA string. 3rd, 4th and 5th strings
are the date. Then the time. Following that is Lat and Long. What I cannot
work out is the numbers after that. For instance the number after the E
seems to go from 0 to 60. The next varies from 0 to about 65 so might be
speed. The 2E after the * is the checksum.

The position can be sent using
        LOC EVERY [1-255]
where there is a multiplier of 10 for the position timing. Thus setting a
LOC EVERY 1 will beacon every 10 seconds

Also there is a strange command...
        LTMON EVERY 1-255
which displays the GPS position from the GPS as if it was a packet that had
just been received, but the multiplyer is 1 second. LTMON EVERY 1 displays
the GPS position every second, BUT only if you are monitoring packets being
received.

In my application where I want more often transmissions on a different
frequency, I will set LTMON to the timing I want. Then I will get a
microcontroller to monitor for the GPS position, and send it back to the TNC
without callsign, or maybe just take the straight GPS info and push it into
the TNC programmed at the rate I want.. Not perfect, but it will work.

Hope this helps everyone, and if someone works out the full definition of
the $PNTS string, let me know.

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
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60. [htaprs] Re: 1Re: Uncompressed positions from D7/D700

From: Roger Barker <roger@peaksys.co.uk>
Date: Wed, 10 Jan 2001 10:15:00 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-128995-2001.01.10-04.27.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-128993-2001.01.10-03.59.43--roger#peaksys.co.uk@lis
ts.tapr.org>, Darryl Smith <darryl@radio-active.net.au> writes
>People
>
>Thanks to those who answered my query. I have come up with some other
>information too. The D700 can send uncompressed position reports, but only
>in PACKET TNC mode, and then things like the LCD SPEED screen stops working
>the format of the data being sent is
>
>
>VK2TDS>GPS:$PNTS,1,0,10,01,2001,001853,3400.4672,S,15051.7165,E,34,54.00,0,,
>000,1*2E
>
>YES, It does start $PNTS, a PRIVATE NMEA string.

I think it only send $PNTS because the GPSTEXT parameter in the TM-D700
TNC defaults to $PNTS. Try changing GPSTEXT to $GPRMC, or whatever.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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61. [htaprs] RE: Wiring half-volume external speaker?

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Wed, 10 Jan 2001 10:04:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129010-2001.01.10-09.21.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A 8 Ohm resistor in series with the speaker would cut the power in half
(V=I*R, I=V/R, I/2=V/2R, P=V*I, P/2=V*(I/2)). This would be a 3 dB drop ave
any more in power. I would recommend wiring up a 50 or 100 Ohm pot first,
setting the volume in each switch position, and then read the value of the
pot with a multimeter. Then substitute a 1 Watt resistor of the same (or
close value). If you have any more questions please feel free to call me @
305-992-5978 since my typing is very slow. I'll even call you back (have
free long distance)

Russ wrote:

I'd like to wire a small 8 ohm external speaker to my TH-D7 but with a
twist: The HT itself will be out of reach (for aerodynamic reasons) and
I'd like to be able to flip a SPDT switch to bring the normal volume
down to about half. Would a circuit guru please take a moment to
explain in layman's terms what size resistors would be needed and where
they go?

Lee Ciereszko   N4TCW

Find Lee: http://map.findu.com/n4tcw

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62. [htaprs] RE: Wiring half-volume external speaker?

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Wed, 10 Jan 2001 12:21:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129073-2001.01.10-13.36.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Russ Brown <brownrj@home.com> asks:

>I'd like to be able to flip a SPDT switch to bring the normal volume
>down to about half. Would a circuit guru please take a moment to
>explain in layman's terms what size resistors would be needed and where
>they go?

On my home packet station I usually don't want to listen to the APRS channel
activity, but I need to to do it every now and then. When listening,
sometimes I want full volume, and sometimes I want it "a lot quieter". "1/2
as loud" is basically "just about as loud". Your ears have a logarithmic
response with a 2x change being a pretty small increment. The first thing I
tried was to add an 8 ohm resistor in series but the difference was minimal.

Here's what works for me, and it all fits easily into the box of nearly any
external speaker. I have a SPDT switch that has three detent positions
(ON-OFF-ON, available at Radio Shack). The incoming signal line goes to the
center lug. One outside lug goes direct to the speaker, the opposite outside
lug goes to the speaker via a 100 ohm resistor. This works out to about 0.5%
of the power being consumed in the speaker as compared to a direct connection
which I think works out very well. Before having done that math I would have
called it "1/10 as loud" which goes to show the nonlinear nature of human
senses. If that turns out to be too quiet for your preference, you can always
add another 100 ohm resistor in parallel to the first one.

Another thing I installed in the speaker box is a 1/8" speaker jack (same
size as the plug on the speaker's cord) which is wired directly to the
incoming signal lead. This gives me the ability to attach a TNC to the same
audio source without any need to unplug any cables.

The resistor goes into the "hot" lead - all ground points tie together with
no resistors or switches.

One thing to note is that most external speakers, at least the ones Radio
Shack carries anyway, don't have shielded cables. You might find that you
need it, but it shouldn't be too difficult to swap that in place of the
zipcord style wire.

73,
Tony KD7TA

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63. [htaprs] Kenwood TH-D7A for sale

From: "Mario Boccarossa" <MBFUSER@msn.com>
Date: Sun, 10 Jan 1999 15:26:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129083-2001.01.10-14.36.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all, I have a like new Kenwood TH-D7A (not a G)for sale. Also included
is a Comet SMA-24 17" antenna, and sma to uhf adapter. $299.00 517-655-9243
or mbfuser@msn.com

Thanks, Mario WA8YRJ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Anyone heard ISS on packet?

From: "BobD" <BobD@virtualconst.com>
Date: Wed, 10 Jan 2001 18:15:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129099-2001.01.10-17.35.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I listened 24 Hr./day since Saturday but didn't hear a peep here
in SNJ. Did anyone copy the beacon from the ISS(RZ3DZR)?

I had my Citadel portable setup in the shack and have since
moved it to the truck. It's the first time I have had it mounted in
a vehicle other than to try out different places for mounting.

The display is great even during the day. I have a small footprint
84-key keyboard that I am using with it so I am not restricted to
using the touch screen. The touch screen is great for zooming in/out
as the keyboard (not having a dedicated numeric keypad) requires
hitting two keys to do Pg-Up/Dwn or Home keystrokes.

I also want to edit the autoexec.bat to give a menu choice of which
config file to load and to copy the CFIGxxx.APR file from D:\ to C:\
when exiting APRStch.

I looked through the readme files but didn't see anything about
being able to re-center the screen using the touch screen, is this possible?
I'd like to be able to just tap once or twice on a spot on the map and have
it redraw with that point as the center. Right now if I tap on the screen it
'hooks' the nearest object which is handy too and I wouldn't want to lose
that capability.

Did anyone ever come up with a source for the power plug on the Citadel?
I'd like to make up a 12VDC power cable and do away with the AC inverter
I am running now. I guess I could cut the cable on the wall transformer
and make a connector using power poles or such but I prefer not to.
So if anyone knows a source and part number I would like to hear of it.

TIA,

Bob, N2IPH

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65. [htaprs] Re: Anyone heard ISS on packet?

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 10 Jan 2001 20:30:57 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129108-2001.01.10-19.44.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 10 Jan 2001, BobD wrote:

> I [moved] my Citadel ... to the truck....
>
> The display is great even during the day. I have a small footprint

> 84-key keyboard that I am using with it so I am not restricted to
> using the touch screen. The touch screen is great for zooming in/out
> as the keyboard (not having a dedicated numeric keypad) requires
> hitting two keys to do Pg-Up/Dwn or Home keystrokes.

Hit MAPS-UP and or MAPS-DOWN. These can be done with one finger.

HINT: If there is anything you want to do with APRSdos and it takes more
than one finger... then you haven't searched long enough.. hi hi...
(more or less....)

de WB4APR@amsat.org, Bob

See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite   http://www.toad.net/~wclement/mim2.htm

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66. [htaprs] Can't do Packet with TH-D7A

From: John W Wilson <z004391b@bc.seflin.org>
Date: Wed, 10 Jan 2001 21:59:55 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129116-2001.01.10-21.12.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have an un-modified TH-D7A, non-G, that has done packet in the past
but
does not now. I can run APRS with my Tripmate, and can run the Kenwood
software to upload and download the memories. I should be able to use
that same cable to run packet, since I can go both ways, send and receive
to the program, with it. I have it set for 9600. I can get the TASCO
sign-on sometimes. No packet anymore. Any hints? Thanks,

John W. Wilson, KN4HX
z004391b@bcfreenet.seflin.lib.fl.us

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67. [htaprs] Re: Can't do Packet with TH-D7A

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 11 Jan 2001 00:29:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129138-2001.01.11-00.42.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What OS are you Using? What terminal program are you using? Try using
something other than hyperterm.

73,

Mark
KC7BXS

At 08:59 PM 1/10/01, John W Wilson wrote:
>I have an un-modified TH-D7A, non-G, that has done packet in the past
>but
>does not now.

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68. [htaprs] Re: Uncompressed positions from D7/D700

From: Carl Littlejohns <carl_mail@dr.com>
Date: Thu, 11 Jan 2001 07:28:40 GMT

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129144-2001.01.11-01.41.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I did this with an ordinary PacCom TNC and Yaesu FT290R, but I programmed
> a Basic Stamp Micro to filter all data out, except the $GPRMC string,
> then parse it to the TNC. Used it with GPSS. Worked great!
> trick would be to let a $GPRMC sentence hit the TNC every 30 seconds,
> just like beacon timing.

You probably know but others might not that
The Paccomm tiny 2 has a GPS mode if you just want to connect a GPS to a
beaconing TNC. It will seach for any string from the GPS (say one containing
$GPRMC) copy it to LTEXT and then beacon it at an interval set by LOC (which
works just like the BEACON command.

I had my GPS feeding NMEA stuff into the Tiny2 and into
a Psion computer for moving map display, or to the THD7 giving me messaging
as well as a remote handi for digi-ing off the car from its flexi antenna.

Carl

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: Uncompressed positions from D7/D700

From: Jack Chomley <chomley@telelink.com.au>
Date: Thu, 11 Jan 2001 21:27:29 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129154-2001.01.11-05.39.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:28 AM 1/11/2001 GMT, Carl wrote:
Jack's original post>
>> I did this with an ordinary PacCom TNC and Yaesu FT290R, but I programmed
>> a Basic Stamp Micro to filter all data out, except the $GPRMC string,
>> then parse it to the TNC. Used it with GPSS. Worked great!
>> trick would be to let a $GPRMC sentence hit the TNC every 30 seconds,
>> just like beacon timing.>
>You probably know but others might not that
>The Paccomm tiny 2 has a GPS mode if you just want to connect a GPS to a
>beaconing TNC. It will seach for any string from the GPS (say one containing
>$GPRMC) copy it to LTEXT and then beacon it at an interval set by LOC (which
>works just like the BEACON command. >
>I had my GPS feeding NMEA stuff into the Tiny2 and into
>a Psion computer for moving map display, or to the THD7 giving me messaging
>as well as a remote handi for digi-ing off the car from its flexi antenna.
>Carl

I did this Micro project, because at the time, my TNC only had
a 1.16D4 revison EPROM, alas no GPS/APRS etc. I ran it in
transparent mode at the time.

Jack Chomley
VK4JRC
(waiting for new D700 to arrive!)

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70. [htaprs] Re: Troubles with THD7A connecting to Dell notebook

From: Glenn Cummings <kg7il@foxinternet.net>
Date: Thu, 11 Jan 2001 06:17:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129182-2001.01.11-08.30.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Comment:
With my Dell Latitude CP 233, the TH-D7 in packet mode worked just fine with
APRS+SA.
Could be certain models can and can't

> At 02:24 AM 1/4/01, Frank van Weerdenburg wrote:

>
> >Could there be a difference between an rs232 port of a notebook and an rs232
> >of a desktop?

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71. [htaprs] Re: Can't do Packet with TH-D7A

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 11 Jan 2001 08:21:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129184-2001.01.11-08.39.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>What OS are you Using? What terminal program are you using? Try using
>something other than hyperterm.
>
>At 08:59 PM 1/10/01, John W Wilson wrote:
>>I have an un-modified TH-D7A, non-G, that has done packet in the past
>>but
>>does not now.

There are only three lines into the serial port on the radio, thus no flow
control lines. If your terminal program is set for hardware flow control,
it may not like that it does not see control signals on the hardware flow
control lines. Set flow control to software or none and see if that fixes the
problem.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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72. [htaprs] RE: Wiring half-volume external speaker?

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 11 Jan 2001 09:37:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129200-2001.01.11-10.52.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Lee Ciereszko" <n4tcw@yahoo.com> wrote:

>A 8 Ohm resistor in series with the speaker would cut the power in half
>(V=I*R, I=V/R, I/2=V/2R, P=V*I, P/2=V*(I/2)).

It would cut the power draw out of the radio by half, but the power coming
from the speaker would be 1/4.

Doubling R halves the current. The added resistor takes half the voltage
drop. The speaker now has half the voltage at half the current (makes sense,
because it's resistance didn't change). The speaker and the resistor each
dissipate 1/4 of the original power. This is just a rough guide though
because the impedance of a cheap speaker varies wildly as a function of
frequency.

73,
Tony KD7TA

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73. [htaprs] Handspring PDA

From: "Thomas E. Hatton" <tehatton@aol.com>
Date: Thu, 11 Jan 2001 14:24:53
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-129214-2001.01.11-14.37.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used a Handspring Visor (Palm OS) with PalmAPRS?
Is the connector interface the same as a Palm Pilot?

Thanks in advance
73
Tom
KE4PCV
[personal computer victim]

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74. [htaprs] Re: Handspring PDA

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Thu, 11 Jan 2001 12:28:40 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129216-2001.01.11-14.41.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 11 Jan 2001, Thomas E. Hatton wrote:

> Has anyone used a Handspring Visor (Palm OS) with PalmAPRS?
> Is the connector interface the same as a Palm Pilot?

I have. It's not the same. Check the palmAPRS site for
info about the visor and how to use it. One of the tricks
is that you have to supply power to the cable somehow. Some
of the new cables that you can buy from 3rd party vendors may
steal power for the interface circuitry from the Visor itself,
but the default dock from Handspring steals power from the
DE-9 side via 2 handshake lines.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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75. [htaprs] Re: htaprs digest: January 11, 2001

From: GeorgegeeG@aol.com
Date: Fri, 12 Jan 2001 13:37:58 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129311-2001.01.12-12.51.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

:

> <I had my GPS feeding NMEA stuff into the Tiny2 and into
>

I have a Psion 3a, what software were you using? Also, what software can I
use (in the Psion) to do packet with my TH7aG?

Thanks, in advance   es 73's de George WB2GTC

76. [htaprs] Re: htaprs digest: January 11, 2001 Now Psion...

From: Jack Chomley <chomley@telelink.com.au>
Date: Sat, 13 Jan 2001 07:11:18 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129317-2001.01.12-15.24.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:37 PM 1/12/2001 EST, WB2GTC wrote:
>:
>
>
><I had my GPS feeding NMEA stuff into the Tiny2 and into

>a Psion computer for moving map display
>
>
> Also, what software can I
>use (in the Psion) to do packet with my TH7aG?
>

George,

I have 2 Psions, a 3c & 3mx and use a Packet Program
called PocPac. It was written by Roger Muggleton G0HZK,
GB7WIR. My version is 3.28 30th October 96.
Its a great program! Does all the usual packet things!
Has TNC configuration and Macro menu programs too.
I think I got it off Steve Litchfield's Psion site,
about 4 years ago. Packet is one of the only things
I use the Psions for now.....there is no support for
them anymore, that I know of. Maybe I should have got
a Series 5 when they came out, but I switched to Palm
instead, have a IIIx and IIIc.
But the Psion + the THD7A is a great portable combination!

Jack Chomley
VK4JRC

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77. [htaprs] Re: Anyone heard ISS on packet?

From: "Chris Arndt" <carndt@slonet.org>
Date: Fri, 12 Jan 2001 23:21:48 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129365-2001.01.13-01.35.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looks like it may have not been on yet.

>From today's ARRL Letter,

* ARISS packet system to be activated: The ISS Expedition 1 crew was
expected to turn on the packet system sometime this week. The Amateur Radio
on the International Space Station packet system will identify as RZ3DZR-1.
It will uplink on 145.99 MHz and downlink on 145.80 MHz. When the system is
activated and the ISS is within view, Earth stations can expect to hear a
periodic beacon every two minutes. Earth stations may send unformatted
informational (UI) packets to the ISS (ie, it should be operational for
APRS
beacons). Earth stations are asked to refrain from using the Packet Mailbox
System at this time, however, since the crew does not have the computer
hooked up to read messages. Do not transmit on the packet uplink until you
have heard the packet beacon. If you copy the packet system, let ARISS know
and save your information for a future QSL card. For more information on
ARISS, visit the ARISS Web site, http://ariss.gsfc.nasa.gov/ .--Frank
Bauer,
KA3HDO

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in part in any form without additional permission. Credit must be given to
The ARRL Letter and The American Radio Relay League.

********** REPLY SEPARATOR **********

On 1/10/01 at 6:15 PM BobD wrote:

>I listened 24 Hr./day since Saturday but didn't hear a peep here
>in SNJ. Did anyone copy the beacon from the ISS(RZ3DZR)?
>
>

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78. [htaprs] THD7A (G)

From: Jack Chomley <chomley@telelink.com.au>
Date: Sun, 14 Jan 2001 19:05:08 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129454-2001.01.14-03.16.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

My THD7A has a problem with the TNC...it seems to lock the
radio up, when it gets swamped with data.
Does the upgrade fix this problem?

Jack Chomley
VK4JRC

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79. [htaprs] Re: THD7A (G)

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 14 Jan 2001 03:11:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129455-2001.01.14-03.24.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:05 AM 1/14/01, Jack Chomley wrote:

>My THD7A has a problem with the TNC...it seems to lock the
>radio up, when it gets swamped with data.
>Does the upgrade fix this problem?

NO.

There is a known issue with the TNC in 1200 baud APRS mode that causes it
to stop decoding packets when large packets are sent.

In 9600 BPS packet mode the TNC is crippled by the fact that maximum abaud
is 9600 BPS and the internal buffer is too small to deal with more than a
few lines of text.

The upgrade does not fix either one of these flaws.

73,

Mark
KC7BXS

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80. [htaprs] Re: THD7A (G)

From: Lee Dickinson <k4lad@arrl.net>
Date: Sun, 14 Jan 2001 09:28:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129458-2001.01.14-08.46.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:11 AM 1/14/01 -0600, Mark Fellhauer wrote:

>There is a known issue with the TNC in 1200 baud APRS mode that causes it
>to stop decoding packets when large packets are sent.
>
>In 9600 BPS packet mode the TNC is crippled by the fact that maximum abaud
>is 9600 BPS and the internal buffer is too small to deal with more than a
>few lines of text.
>
>The upgrade does not fix either one of these flaws.

This is of major concern to me as I am considering the purchase of a TH-D7A

very soon. I emailed Kenwood to ask the factory's perspective on the
problem. I am new here, so you folks may have already done this. If not,
I will pass along what they have to say. - Lee

73 de K4LAD - Lee A. Dickinson
QTH: Colbert, Georgia, USA (Grid: EM84ja)

http://www.qrz.com/database?callsign=k4lad

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81. [htaprs] Re: THD7A (G)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 14 Jan 2001 08:55:29 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129463-2001.01.14-11.05.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TH-D7A(G) upgrade has fixed my lockup problems. Before the upgrade, my
radio would lock up one or more times each day. The upgraded model has yet
to lock up on me, and I have had it for over six months now. I know this was
a concern of Kenwood's for the upgrade. This is one of the things that they
wanted to fix. They had me test out a pre-release version of the upgrade to
see if it would help the lockup problem. It did not have the bells and
whistles the G model did, but it did stop my lockup problem. Now it is
upgraded to the G model, and I have been lockup free ever since.

Walter
KD6VYV

http://www.radiohound.com

> My THD7A has a problem with the TNC...it seems to lock the
> radio up, when it gets swamped with data.
> Does the upgrade fix this problem?
>
> Jack Chomley
> VK4JRC

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82. [htaprs] Re: THD7A (G)

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 14 Jan 2001 11:20:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129468-2001.01.14-11.33.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:55 AM 1/14/01, Walter Dunckel wrote:

>The TH-D7A(G) upgrade has fixed my lockup problems.

There are different "lockups" of the TH-D7. Send it a packet 157 bytes or
longer in 1200 Baud APRS mode. It will stop decoding packets.   Connect
to a 9600 BPS BBS and try to decode more than 2 or 3 lines. It will stop
responding.

Mark

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] Re: THD7A (G)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sun, 14 Jan 2001 09:55:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129470-2001.01.14-12.05.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I live in an extremely busy APRS area. There must not be too many >157 byte
packets being sent here in Silicon Valley since I have never experienced a
"G" lockup on APRS. Odds are if you live anywhere else, you probably aren't
going to see one either. Haven't tried it on 9600 BBS's though.

Walter
KD6VYV

> There are different "lockups" of the TH-D7. Send it a packet 157 bytes or
> longer in 1200 Baud APRS mode. It will stop decoding packets.   Connect
> to a 9600 BPS BBS and try to decode more than 2 or 3 lines. It will stop
> responding.
>
> Mark

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84. [htaprs] Re: THD7A (G)

From: "Mark Turner" <mark@kram.org>
Date: Sun, 14 Jan 2001 18:04:25 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129473-2001.01.14-12.17.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark said....
>
> There are different "lockups" of the TH-D7. Send it a packet 157 bytes or
> longer in 1200 Baud APRS mode. It will stop decoding packets.   Connect
> to a 9600 BPS BBS and try to decode more than 2 or 3 lines. It will stop
> responding.

I also have the 1200 baud problem in KISS mode, or at least I think I do
because the symptoms are the same. Several times a day my TH-D7E stops
responding, usually with one or two packets displayed in the little box on
the lcd as being in what I think is the outward queue.

Cheers,

Mark.

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85. [htaprs] Don't Understand

From: Jim Ek <Jim-Ek@worldnet.att.net>
Date: Sun, 14 Jan 2001 14:46:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129479-2001.01.14-14.04.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am just starting to try to understand APRS. Am a neophyte to the topics
of Packet and APRS.

In packet radio, a packet can be addressed to a specific station and use up
to something like 6 interim stations to arrive. I don't have a packet set
up yet, so this is based on reading I've been doing.

However with APRS a signal can be sent out on a common frequency, and can
later show up on the internet with a graphical representation on a number
of APRS related sites. I have an elementary understanding of Internet
Gateways. It is getting to the gateways that has me perplexed.

A signal goes out on say 144.39. That signal is picked up by another
station running APRS that is not a Internet Gateway. I assume the station
has the option of being set up like a type of digital repeater, except

staying on the same frequency. Let's say that station retransmits the
packet and is picked up by a number of other APRS stations. A number of
those APRS stations retransmit the packet and it is picked up by another
group of APRS stations, including the station that just sent the packet to
this group.

What stops the packets from being sent in perpetuity?

But yet there must be some retransmit of packets to get them to the
Internet Gateways.

Is it the software associated with APRS that limits the retransmission of
packets. Is there some type of counter connected to the packet so the
packet is only retransmitted so many times? Does the software keep a
shortterm library of accepted packets and doesn't retransmit packets
already on file? Is there a time stamp on the packet and it isn't
retransmitted after a specific period of time?   Of course then there is an
issue of properly sychronized time!

Last night when I was surfing the web, I was a site, I believe Bob
Bruninga's which showed showed DX APRS. How does that work? It's obvious
APRS packets don't retransmit forever.....Yet there is DX APRS?

I apologize if this is the wrong forum for these questions. It's just that
I couldn't find the answers suring the web.

Thanks much and have a GREAT DAY!

73's   -   or should I be putting that it hexadecimal notation?

Jim Ek
KB9VEZ
Bloomington, IN

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86. [htaprs] Re: Don't Understand

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 14 Jan 2001 14:02:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129480-2001.01.14-14.15.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:46 PM 1/14/01, Jim Ek wrote:

>What stops the packets from being sent in perpetuity?

South Dakota and free space loss.   :)

73,

Mark
KC7BXS

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87. [htaprs] Re: THD7A (G)

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 14 Jan 2001 16:08:07 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129485-2001.01.14-15.21.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 Jan 2001, Walter Dunckel wrote:

> I live in an extremely busy APRS area. There must not be too many >157 byte
> packets being sent here in Silicon Valley since I have never experienced a
> "G" lockup on APRS. Odds are if you live anywhere else, you probably aren't
> going to see one either. Haven't tried it on 9600 BBS's though.

Yepk, there are no legal APRS protocol packets of that length...

bob

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88. [htaprs] Re: THD7A (G)

From: "Byon Garrabrant" <byon@mail.com>
Date: Sun, 14 Jan 2001 13:38:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129488-2001.01.14-15.51.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 14 Jan 2001, at 16:08, Bob Bruninga wrote:

> On Sun, 14 Jan 2001, Walter Dunckel wrote:
>
> > I live in an extremely busy APRS area. There must not be too many
> > >157 byte packets being sent here in Silicon Valley since I have
> > never experienced a "G" lockup on APRS. Odds are if you live
> > anywhere else, you probably aren't going to see one either. Haven't
> > tried it on 9600 BBS's though.
>
> Yepk, there are no legal APRS protocol packets of that length...

What is the maximum length of a legal APRS protocol packet? I
notice the APRS Spec describes the MIC-E format Status Text
with "The status text may be any length that fits in the rest of the
Information field." If I wanted to put a 200 byte status message in
a MIC-E beacon, would that not be legal?

Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

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89. [htaprs] Re: THD7A (G)

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 14 Jan 2001 18:46:26 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129537-2001.01.14-17.59.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 Jan 2001, Byon Garrabrant wrote:

> What is the maximum length of a legal APRS protocol packet? I
> notice the APRS Spec describes the MIC-E format Status Text
> with "The status text may be any length that fits in the rest of the
> Information field." If I wanted to put a 200 byte status message in
> a MIC-E beacon, would that not be legal?

That was an oversight. The lengths of text fields (from memory more or
less) are (I think):

STATUS   67   (20 in D7, 28 in D700)
POSITION Comment   53   (20 in THD7, 28 in D700)
Messages and Bulletins 63   (45 in D7, 64? in D700)

The correct lengths should be in the spec..

de WB4APR, Bob

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90. [htaprs] Re: THD7A (G)

From: Alex <kg4ecv@earthlink.net>
Date: Sun, 14 Jan 2001 19:26:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Byon Garrabrant <byon@mail.com>
Message-ID: <LYR845-129546-2001.01.14-18.41.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good question. Perhaps the answer should be the maximum length of a UI
frame. If I'm not mistaken, there's also no maximum length specified for
NWS bulletins, and the same goes for telemetry report messages. And how
about third party traffic and user defined data formats?

73s,
--Alex

Byon Garrabrant wrote:

> What is the maximum length of a legal APRS protocol packet? I
> notice the APRS Spec describes the MIC-E format Status Text
> with "The status text may be any length that fits in the rest of the
> Information field." If I wanted to put a 200 byte status message in
> a MIC-E beacon, would that not be legal?
>
> Byon
>
> _____________________________________
> Byon Garrabrant   N6BG   byon@mail.com

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91. [htaprs] Kenwood THD7A Upgrade to (G) in Australia

From: Jack Chomley <chomley@telelink.com.au>
Date: Mon, 15 Jan 2001 10:38:33 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129548-2001.01.14-18.50.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

After a week of negotiations with Kenwood Australia,
I have managed to convince them to offer the (G)
upgrade to all Austrailian owners of THD7A's.
The THD7E model will NOT be considered for the
upgrade. The upgrade will be done by Kenwood Japan,
the cost will be US$60 per radio. It is hoped that
shipping costs can be amortised to a low level, by
Kenwood Australia being able to bulk ship radios
for upgrading, from Australia.
Please contact the dealer, from whom you purchased
your radio, OR:

Kenwood Australia
16 Giffnock Avenue
Centre Court Estate
North Ryde N.S.W. 2113
Phone 02 88792211 (Service)
Phone 02 88792216 (Sales)

Jack Chomley
Australia
VK4JRC

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92. [htaprs] Re: Don't Understand

From: Arte Booten <n2zrc@webspan.net>
Date: Sun, 14 Jan 2001 19:50:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: HT APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129554-2001.01.14-19.10.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jim,

You wrote:

>... a packet can be addressed to a specific station and use up to 6 in-
>terim stations to arrive. With APRS a signal goes out on 144.39. That
>signal is picked up by another station running APRS. I assume the sta-
>tion has the option of [being] a digital repeater, staying on the same
>frequency. That station retransmits the packet and is picked up by o-
>ther APRS stations. Some of them retransmit it,and it >is picked up
>by others, including the station that sent the packet to the group.

     Fact is, your question is far more complicated than I think you re-
alize! Path selection is probably the most slippery aspect of APRS you
could try to tackle.

     In trying to answer your question, APRS uses two different ways of
determining the direction and number of retransmissions (hops) a given
packet will take. Users can pick specific calls to digipeat through.
This is generally used when a packet needs to go in one specific direc-
ction. It's also used by fixed (non-mobile or portable) stations for
the first hop or two.

     APRS also uses "generic" callsigns. These include RELAY and WIDE.
Most fixed stations have their TNC's set to retransmit packets addressed
to RELAY. WIDE digipeaters are particularly well situated so as to be
able to hear and be heard well throughout a wide area. Think of them as
repeaters for APRS packets.

     Thus, as you can see, there are several tiers of stations that will
retransmit a packet. And the determining factor of how many times one
will be retransmitted is the packet's path.

     The other concept you're having trouble with is that "regular" pa-
cket uses a connected protocol: you actually have to establish a connec-
tion with a specific station in order to do anything. APRS uses an un-
connected protocol, transmitting packets in a "broadcast" manner, not so
different from being in a phone net on your local 2-meter repeater. Net
control, by-and-large, doesn't transmit to a specific station but, ra-
ther, to the group. Eveyone on frequency hears the NCS's transmission
and has the information (s)he (and everyone else) has transmitted. APRS
works on a similar principle, except it's using quasi-digital signals to
do so. Understand?   73
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

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93. [htaprs] Re: [Arte Booten] Re: Don't Understand

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 15 Jan 2001 09:52:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129625-2001.01.15-10.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>   Thus, as you can see, there are several tiers of stations that will
>retransmit a packet. And the determining factor of how many times one
>will be retransmitted is the packet's path.

With one other important implementation issue. A digipeater is supposed to
ignore the same packet and not retransmit it if it hears it again, within 25
seconds of the first time it heard it.

IGATE's that are improperly connected, and paths with excessive elements or
using WIDE7-7 or TRACE7-7 can cause a packet to live for an excessive time
beyond what you might expect.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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94. [htaprs] TH-D7A(G)

From: "Patrick Beard" <patrick@vikingcomponents.com>
Date: Mon, 15 Jan 2001 10:54:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129628-2001.01.15-11.07.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone,
Will the TH-D7A(G) process APRS While I do Voice on VHF at the same time?

The Manuals kinda suggest this. I just wanted to check before I make the
purchase this week.

Thanks for your comments.

Patrick
KC6TVB

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Re: TH-D7A(G)

From: Robbie Robertson <mwrobertson@mediaone.net>
Date: Mon, 15 Jan 2001 11:09:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129629-2001.01.15-11.17.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Depends what you mean by transmit at the same time, but yes,
you can have both A & B sides on two meters.. But if you are
transmitting on voice then the aprs will wait til you let go
of the ptt before it can beacon the posit..

Good luck

--

- Robbie Robertson -
...-.- wa9inf ...-.-

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96. [htaprs] RE: TH-D7A(G)

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 15 Jan 2001 09:08:56 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129630-2001.01.15-11.19.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, it will. If you put APRS on the top band and your voice frequency on
the bottom band, you can leave it selected to the bottom band for voice
communications. Whenever the APRS transmits, it switches to the top band
momentarily transmits the data burst and then switches back to the bottom
band. Works really neat.

If you get the radio, I am sure you will enjoy it.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org

My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message----->
>
> Hello everyone,
> Will the TH-D7A(G) process APRS While I do Voice on VHF at the same time?
>
> The Manuals kinda suggest this. I just wanted to check before I make the
> purchase this week.
>
> Thanks for your comments.
>
> Patrick
> KC6TVB

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97. [htaprs] Re: THD7A (G)

From: "PE1RDW (Andre)" <aprs@pe1rdw.demon.nl>
Date: Mon, 15 Jan 2001 20:59:55 +0100 (CET)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129642-2001.01.15-13.04.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 14 Jan 2001, Bob Bruninga wrote:

> On Sun, 14 Jan 2001, Walter Dunckel wrote:
>
> > I live in an extremely busy APRS area. There must not be too many >157 byte
> > packets being sent here in Silicon Valley since I have never experienced a
> > "G" lockup on APRS. Odds are if you live anywhere else, you probably aren't
> > going to see one either. Haven't tried it on 9600 BBS's though.
>
> Yepk, there are no legal APRS protocol packets of that length...
>
> bob
>
>
I have seen packets grow to that length here because of long digi paths
but thanks to digi_ned that is solved here.
If a packet gets to long it just gets cut of to the corect lenght.

73 de Andre PE1RDW
aprsdigi co-ordinator Netherlands
member aprs workgroup netherlands
mailto:pe1rdw@aprsnl.org

>
> ---
> You are currently subscribed to htaprs as: aprs@pe1rdw.demon.nl
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> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] RE: TH-D7A(G)

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Mon, 15 Jan 2001 12:27:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129645-2001.01.15-14.41.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any comments on connecting a Magellan 315 GPS to the TH-D7A(G)?   The
research I have done has not specifically said yes. manuals say "Magellan
format...". I know the GPS output will be compatible, I was interested in
having other station Waypoints display my GPS.

Any Westcoast sailors in the group? Sounds like a Great application for

this years Newport to Ensenada race.

Looking forward to getting this radio!

Patrick,
KC6TVB

-----Original Message-----
From: Herb Gerhardt, KB7UVC [mailto:gerhardt@hctc.com]
Sent: Monday, January 15, 2001 9:09 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: TH-D7A(G)

Yes, it will. If you put APRS on the top band and your voice frequency on the bottom band, you can leave it selected to the bottom band for voice communications. Whenever the APRS transmits, it switches to the top band momentarily transmits the data burst and then switches back to the bottom band. Works really neat.

If you get the radio, I am sure you will enjoy it.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message----->
>
> Hello everyone,
> Will the TH-D7A(G) process APRS While I do Voice on VHF at the same time?
>
> The Manuals kinda suggest this. I just wanted to check before I make the
> purchase this week.
>
> Thanks for your comments.
>
> Patrick
> KC6TVB

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99. [htaprs] Magellan GPS

From: Jim Hill <jhill@vom.com>
Date: Tue, 16 Jan 2001 16:54:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129677-2001.01.15-19.09.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Patrick Beard wrote:
Any comments on connecting a Magellan 315 GPS to the TH-D7A(G)? The research I have done has not specifically said yes. manuals say "Magellan format...". I know the GPS output will be compatible, I was interested in having other station Waypoints display my GPS.

I have a Magellan Navigator and had to make an interface circuit so it would work with the TH-D7. The voltage levels were not right. I can supply the circuit if you need it.
Jim, K6UUW

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100. [htaprs] THD7A (G) Help with rig and APRS

From: "Chris Bouck" <cbouck01@twcny.rr.com>
Date: Tue, 16 Jan 2001 18:32:47 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129784-2001.01.16-17.44.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am new to APRS and am very frustrated with it.
I have had my D7G for a few months now. The radio seems to work fine. My question is I got the cable to connect to my computer and the instructions (all 182 pages). The directions do not give very good instructions on what to do after you hook it up to the computer. I cannot get the computer to control the rig.
Here are my situations, I have two separate issues:
Issue one:
A. I have the cable connected from the HT to the computer. In my living room.
B. I made an ini file for the tnc and put it in the TNC folder just like the directions stated.
C. Now what? I try to send a msg on the computer thru the HT but nothing?
The HT works fine by itself. What am I doing wrong?

Issue 2:
On a separate computer, in my shack, (in my attic) I have a computer hooked to an MFJ 1278 TNC. The tnc and the aprs system work fine for a while. However, after a few days the program crashes and I have to start all over again.
The problem is every time I reload the program and start over, it takes me days to get the thing to work again.
My question - is there any certain order you should set the system up when restarting? I have all the parameters written down and when I restart I enter the same thing.
I live in a bad location and need the shack rig to relay my HT signal to get out into the valley we live in. I cannot get out via the HT alone. I need to relay to my shack and outside antenna with 50 watts to get out. Any help will be beneficial.
Please respond directly to me at cbouck01@twcny.rr.com
Thanks Chris Bouck KB4CMF

101. [htaprs] Help with computer and WinAPRS

From: "Chris Bouck" <cbouck01@twcny.rr.com>
Date: Wed, 17 Jan 2001 06:00:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129851-2001.01.17-05.11.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am going to take the suggestion to one of the hams that responded to me to see if someone out there can help me solve my problem with APRS and my computer. Thanks Pete N1EZT for responding.
I have an HP 486 computer in my shack connected to an MFJ 1278 TNC. I am runnigng Windows 95 and the WinAPRS 2.4.7 software. I know this system works and that all the cables are connected correctly. I can work packet and APRS. They have been both up and running.
However, after a few days the program crashes I get an error message and I have to start all over again. I restart the computer, reload the Winaprs 2.4.7 program and reset all my parameters. Everything seems fine but I get now stations on my screen and no out going packets. The problem is - it takes me a long time to get the computer to talk to the tnc. This time it has been down for 4 days and still not running.
I have tried changing almost everything I can think of. My question - is anyone else having this problem restarting? I have been on our local nets with other hams running APRS and they cannot figure it out either. No one can come up with a solution. Is there a sequence I am not following? Any suggestions will be helpful.
Thanks Chris Bouck KB4CMF

102. [htaprs] RE: Using Delorme Street Atlas with Winaprs

From: AE5PL <HamLists@ametx.com>
Date: Wed, 17 Jan 2001 05:58:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129855-2001.01.17-06.12.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS+SA is a very robust Windows application that is designed to work with
all versions of Street Atlas. Try downloading from tapr.org. You can see
the web interface at aprs.ae5pl.net.

Good luck.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: rbarrone [mailto:rbarrone@mediaone.net]
Sent: Tuesday, January 09, 2001 10:26 PM
To: HT
Subject: [htaprs] Using Delorme Street Atlas with Winaprs

Hi, I presently have the Delorme "Street Atlas", and would like to use these
maps with Winaprs. Does anyone know if it can be done and if so how?

Thanks, Roger

using a tm-d700
and a tm-d7(G)

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103. [htaprs] Re: TH-D7A Upgrade

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 17 Jan 2001 8:30:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129871-2001.01.17-08.43.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I upgraded my rig this past November.

The service was great and I had it back in my hands in 2 weeks. Not bad
considering it had to be shipped UPS in both directions.

I think the upgrade is worth it if you plan to begin to work the APRS
satelites. Basically you will need to set APRS to uplink on one band and
downlink on another all at 9600 baud.

As for the other stuff included in the upgrade, The messaging interface is
a little easier to program now that the lower case is first. The ability
to store 3 status text messages is nice and I like being able to input 3
postions since I have no GPS yet.

So thats my take on it.

If your not going to begin to work these APRS Satalites then its probably
not worth it. And I agree with you if you upgrade one might as well to the
other so you can use the same software to program both.

Hope this helps,

Randy R. Creller
RandyRoo@hotmail.com

K1RTV
Harpers Ferry, WV

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104. [htaprs] Re: THD7A (G) Help with rig and APRS

From: Ralph Milnes <milnes1@rcn.com>
Date: Wed, 17 Jan 2001 13:05:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129905-2001.01.17-12.19.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris,

I'm in digest mode so I can't tell if anyone has responded yet.

And despite your request to reply directly (you probably didn't want to tie
up the SIG), questions like this SHOULD get answered on the SIG, so that:
a.) others on the SIG know the problem was answered
b. others can suggest spinoff ideas, and
c. others with the same question can learn.

Chris, for your first issue:

If you are trying to control it with Kenwood's D7A programming software,
the TNC must be off.

But for other packet programs the TNC must be in "Packet" mode (as opposed
to "APRS" mode). You can only talk to the TNC if it is in Packet mode --
press the TNC button until you see BOTH "TNC" and "Packet" in the display
(but first, hook up the radio-to-computer cable with the radio off.)

If that doesn't do it, please tell us more about what software you are
using and what you mean by "controlling the rig", i.e. control it with what
software?

On the second issue: what do you mean by it takes you "days to get the
thing working again"? How DO you get it working again? by playing with some
commands or program settings? The re-start order shouldn't matter too much
-- it sounds like you need to be very sure of all the settings you have
when you finally get it working -- so you can re-create them.

I assume you're running WinAPRS. True or not?

73,

Ralph, KC2RLM

>I cannot get the computer to control the rig. Here are my situations, I
>have two separate issues:

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105. [htaprs] Lyris and quotes

From: Ralph Milnes <milnes1@rcn.com>
Date: Wed, 17 Jan 2001 13:08:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129906-2001.01.17-12.21.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Stan,

I tried to reply to a posting and felt I needed to quote most of the
message. Lyris kept rejecting my posting saying I had quoted too much.

That's a pain. I think the current limit is 15 lines. How about upping it a
bit (to 30)?

Ralph, KC2RLM

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106. [htaprs] How can I send a space not underscore in a msg using a TH-D7AG?

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 17 Jan 2001 13:43:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129912-2001.01.17-13.56.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I am interested in sending APRS messages that have spaces between the words
and not underscores.

How can I do this on a Kenwood TH-D7AG.

If I try to skip over to the next character while inputing a message the
message is automatically sent.

Thanks in advance,

73's

Randy R. Creller
RandyRoo@hotmail.com

K1RTV
Harpers Ferry, WV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] Can one use 12 volts to TH-D7AG battery contacts not the 13.7 volt connector

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 17 Jan 2001 13:53:54
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129915-2001.01.17-14.07.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I currently own a TH-D7AG and would like to create some custom connectors
etc to do emergency operations with.

I purchased a 1600 mAh 9.6V Ni-MH battery (actually an RC Car battery)

for $24.95 , thats 1/2 price of the Maha 1000 mAh battery and more mAh to
boot.

Now I would like to build a connector to use it with my rig.

I have purchased the BT-11 auxilary battery pack and I was hoping to see if
I could solder some leads of a coiled wire to it and then connect the other
end to the battery in my Fanny pack.

Does anyone see any problem with this???

Also I would like to know if I could attach a 12V Sealed Lead Acid battery
in the same fashion, I.E. to the Battery contacts on the back of the
Th-D7AG VS the 13.7 volt input on the side.???

Does anybody see a problem with supplying 12 volts to the battery contacts
vs the 13.7 volt connector on the side???

Thanks in Advance,

Randy R. Creller
RandyRoo@hotmail.com

K1RTV
Harpers Ferry, WV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] Re: How can I send a space not underscore in a msg using a TH-D7AG?

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 17 Jan 2001 13:59:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129918-2001.01.17-14.17.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I am interested in sending APRS messages that have spaces between the words
>and not underscores.
>
>How can I do this on a Kenwood TH-D7AG.

Press the 0 (zero) key to insert a space.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

109. [htaprs] RE: How can I send a space not underscore in a msg using a TH-D7AG?

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Wed, 17 Jan 2001 12:11:31 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129919-2001.01.17-14.24.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If memory serves, the zero key inserts a space.

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Randy R. Creller
Sent: Wednesday, January 17, 2001 1:00 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] How can I send a space not underscore in a msg using a
TH-D7AG?

73, Bob

Robert Donnell, KD7NM (206) 542-7661
18828 Midvale Ave N mailto:kd7nm@pugetsound.net
Shoreline, WA 98133
Western Washington Amateur IP Address Coordinator

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

110. [htaprs] Re: SUNSAT, D-7g & Email

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 17 Jan 2001 14:17:16
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129920-2001.01.17-14.30.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just an FYI before testing the SUNSAT APRS digi's I would suggest that you
first attempt to send an email via an APRS IGATE like WU2Z at Rutgers
University.

I had difficulty at first and found that I was sending an Underscore and
not a space after the email address.

Seems like the Igate parsers do not recognize this and fail to send the
email. On my Th-D7AG the space is the zero key, I was using the ENT key
and selecting the underscore _ not a space.

After correcting this I was able to get an email within 5 minutes of
sending it. Pretty cool.

I am rather tickled that I was able to do this without one of those high
priced Cell Phone internet connections like Sprint PCS.

Next I plan to test sending email to my pager.

Seems there is no limit to this stuff.

Good luck with your testing.

73's,

Randy R. Creller
RandyRoo@hotmail.com

K1RTV
Harpers Ferry, WV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 17 Jan 2001 18:26:33

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129955-2001.01.17-18.39.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think I have figured this out.

First you must be able to reach a DIGI with an IGATE.

I.E. You first have to be able to see yourself at
http://www.findu.com.

Once you are doing this then the WU2Z IGATE can pick up your messages via
TCp/IP and send the email for you.

I have looked into this a little further and found that on the TH-D7AG
the space key for messages is not at all apparent.

What I had been sending was underscore _ instead of a space ' '.

I think that the WU2Z IGATE was looking for a space to parce the email
address out of the aprs message and thus was failing.

Here is what I was typing

TO:EMAIL
RANDYROO@HOTMAIL.COM_MY_EMAIL_MESSAGE_WENT_HERE

This was incorrect.

I should have been using the Zero Key for a space on the TH-D7AG.

The correct message format is as follows

TO:EMAIL
RANDYROO@HOTMAIL.COM MY EMAIL MESSAGE WENT HERE

This works perfectly every time.

I have even been able to email my pager as well, what a hoot.

TO:EMAIL
p.703365XXXX@metrocall.com MY EMAIL MESSAGE

Brevity is the key to all of this and if the arrl.net email reflector was
reflecting more reliably this would be the ideal email address for Ham
Operators. K1RTV@arrl.net is 14 characters, 15 including the blank after
it, and is about as short as you will get. That leaves just 30 characters
for a message on the TH-D7AG but it still is worth while.

If only I could store more messages to avoid all the typing on the HT.

Now for the big question, is it possible to send an Internet Email to an
IGATE and get and receive it as an APRS message on my TH-D7AG???

I hope to have an answer soon.

Let me know what your thoughts are on this.

Thanks for your help,

Randy R. Creller
RandyRoo@Hotmail.com

K1RTV
Harpers Ferry, WV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] Re: How can I send a space not underscore in a msg using a TH-D7AG?

From: "toast" <toast68@snet.net>
Date: Wed, 17 Jan 2001 19:47:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129956-2001.01.17-19.00.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To send a space, I hit the 0 (zero). The first hit is a space and the
second hit makes it display a zero

----- Original Message -----
From: "Randy R. Creller" <RandyRoo@hotmail.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, January 17, 2001 1:00 PM
Subject: [htaprs] How can I send a space not underscore in a msg using a
TH-D7AG?

> Hello,
>
> I am interested in sending APRS messages that have spaces between the
words
> and not underscores.
>
> How can I do this on a Kenwood TH-D7AG.
>
> If I try to skip over to the next character while inputing a message the
> message is automatically sent.
>
> Thanks in advance,
>
> 73's
>
> Randy R. Creller
> RandyRoo@hotmail.com
>
> K1RTV
> Harpers Ferry, WV
>
> ---
> You are currently subscribed to htaprs as: toast68@snet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: Alex <kg4ecv@earthlink.net>
Date: Wed, 17 Jan 2001 21:06:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129978-2001.01.17-20.21.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Randy,

That's not possible. One way only.

73s,
--Alex

"Randy R. Creller" wrote:

> Now for the big question, is it possible to send an Internet Email to an
> IGATE and get and receive it as an APRS message on my TH-D7AG???
>
> I hope to have an answer soon.
>
> Let me know what your thoughts are on this.
>
> Thanks for your help,
>
> Randy R. Creller
> RandyRoo@Hotmail.com
>
> K1RTV
> Harpers Ferry, WV
>
> ---
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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

114. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: "Christopher McNabb" <cmcnabb@4mcnabb.net>
Date: Wed, 17 Jan 2001 21:35:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129982-2001.01.17-20.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, it wouldn't be too difficult to develop a small unix script to do
just this. The legality of such a thing would be questionable, though.

> Hi Randy,
>
> That's not possible. One way only.
>
> 73s,
> --Alex
>
> "Randy R. Creller" wrote:
>
> > Now for the big question, is it possible to send an Internet Email to an
> > IGATE and get and receive it as an APRS message on my TH-D7AG???
> >
> > I hope to have an answer soon.
> >
> > Let me know what your thoughts are on this.
> >
> > Thanks for your help,
> >
> > Randy R. Creller
> > RandyRoo@Hotmail.com
> >
> > K1RTV
> > Harpers Ferry, WV
> >
> > ---
> > You are currently subscribed to htaprs as: kg4ecv@earthlink.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
> ---
> You are currently subscribed to htaprs as: cmcnabb@4mcnabb.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: Valentino Sarro <sarrov@telusplanet.net>
Date: Wed, 17 Jan 2001 19:45:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-129985-2001.01.17-20.58.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually I thought the attached link was submitted a while ago as a
Public APRS mailer....what, is it not working? (I tried it in the past
and could never figure out if it worked).

http://dsell.webprovider.com/pubmailer/APRSmailer.htm

Tino, VE6SZR

Alex wrote:
>
> Hi Randy,

>
> That's not possible. One way only.
>
> 73s,
> --Alex
>
> "Randy R. Creller" wrote:
>
> > Now for the big question, is it possible to send an Internet Email to an
> > IGATE and get and receive it as an APRS message on my TH-D7AG???
> >
> > I hope to have an answer soon.
> >
> > Let me know what your thoughts are on this.
> >
> > Thanks for your help,
> >
> > Randy R. Creller
> > RandyRoo@Hotmail.com
> >
> > K1RTV
> > Harpers Ferry, WV
> >
> > ---
> > You are currently subscribed to htaprs as: kg4ecv@earthlink.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
> ---
> You are currently subscribed to htaprs as: sarrov@telusplanet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: Tom Busch <tomb@kiva.net>
Date: Wed, 17 Jan 2001 23:13:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-129997-2001.01.17-22.21.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I think this is actually illegal, unless these guys are personally
>clearing each message. You cannot allow a non-amateur to cause an amateur
>station to transmit without a control operator present.
>
>TomB
>
>At 09:45 PM 1/17/01 , Valentino Sarro wrote:
>>Actually I thought the attached link was submitted a while ago as a
>>Public APRS mailer....what, is it not working? (I tried it in the past
>>and could never figure out if it worked).
>>
>>http://dsell.webprovider.com/pubmailer/APRSmailer.htm
>>
>>
>>Tino, VE6SZR

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117. [htaprs] RE: ÄhtaprsÅ Help with computer and WinAPRS

From: Pertti.Herva@etrem.fi
Date: Thu, 18 Jan 2001 08:48:53 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130020-2001.01.18-01.02.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try remove yours WinARPS programms and then reinstall, before remove take
configuration files save or print them.

BR Pertti Herva OH2KFH

Any suggestions will be helpful.
   Thanks Chris Bouck KB4CMF

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: Alex <kg4ecv@earthlink.net>
Date: Thu, 18 Jan 2001 08:47:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Christopher McNabb <cmcnabb@4mcnabb.net>
Message-ID: <LYR845-130096-2001.01.18-07.57.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm sorry. I should've said "not possible at the moment." Of course one
can program anything what one wants, but it's not that easy to verify if
the sender is a ham as you and someone else already pointed out.

73s,
--Alex

Christopher McNabb wrote:

> Actually, it wouldn't be too difficult to develop a small unix script to do
> just this. The legality of such a thing would be questionable, though.
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

119. [htaprs] Re: How can I send a space not underscore in a msg using a TH-D7AG?

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 18 Jan 2001 10:54:13
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130134-2001.01.18-11.07.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all your responses.

The Zero key is the space and the Ent key is for all the other symbols.

I now have APRS email up and running.

Thanks again for all your support.

Please refer to my 1/17/01 message for how to send email via APRS
messaging.

Randy R. Creller
RandyRoo@hotmail.com

K1RTV
Harpers Ferry, WV
Eastern Panhandle WV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Thu, 18 Jan 2001 14:16:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130148-2001.01.18-14.30.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Part of my continuing efforts to add value-added-services to APRS:

ANNOUNCING --
  Igate whois service.

How to use it: Simply send a message to WHOIS, with a single callsign as the message body. Within seconds, you will receive a response from AB0OO-14 with the full name and City, State of the ham you requested, straight from the FCC callsign database.

Example:
  On my TH-D7, I send a message
  TO: WHOIS
BODY: AB0OO
Once the message goes out AND HITS AN IGATE (unless you live within 3 or 4 hops of my TNC for RF), the message will be picked up by the APRSd network and the AB0OO-14 server will ACK your message. You will then receive an answer formatted like this:
FROM: AB0OO-14
BODY: AB0OO is GORKOS, JOHN M of DE SOTO, KS.

Anyway, I hope its useful. I can, of course, extend the callsign database to include foreign hams if someone would point me to a site I can download the DB in (format is unimportant, Perl is good for that.)

Comments welcome.

John Gorkos
AB0OO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

121. [htaprs] Re: New IGATE Service

From: John Zaruba Jr <jzaruba@snip.net>
Date: Thu, 18 Jan 2001 20:04:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130177-2001.01.18-19.19.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great Idea John!

I gave it a go as soon as I read your message, and it worked fantastically.

Thanks for the effort,

73 de John AA2BN

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

122. [htaprs] Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Fri, 19 Jan 2001 10:15:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130262-2001.01.19-10.28.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, it seems there is a bit of a problem with acknowledgements.
When a message is send to WHOIS, the ack is returned from AB0OO-14, not WHOIS. I can't transmit with the callsign of 'WHOIS' because I don't include my own callsign anywhere in the ACK. I was programming on the assumption that client software tracks acknowledgements based on message number only, i.e. if N0LID sends a message to WHOIS it actually looks like this:
N0LID::WHOIS   :WB4APR{001
and the acknowledgement looks like this:
AB0OO-14::N0LID   :ACK001

Unfortunately, it seems that many clients not only match on messge number but also on callsign, so they have to receive this message to get the ACK:
WHOIS::N0LID   :ACK001

I'm not sure about the legality of transmitting as WHOIS. I suppose since I ID my station with all other packets, the WHOIS packets should be allowed, but I'm NOT an armchair lawyer.

I will investigate how I can acknowledge with the correct format. Currently, I'm sending the message via the aprsd message port (udp 1315). I may need to send it directly to the hub server. I'll investigate. In the meantime, I'm

going to crank up my dupe detection timers and limit the number of responses
to 2.

John Gorkos
AB0OO

BTW, look for the Canadian Callsign database in the next few days (thanks,
Jeff).

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] Re: Problems w/ New IGATE Service

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 19 Jan 2001 13:49:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130279-2001.01.19-13.03.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRSdos was originally written to require ACKS from the matching call.
But messages to EMAIL acked by WU2Z made that not work. I finally
aquiessed to accepting matching line numbers as the sole criteria for an
ACK, although I am still not comfortable with it. I thought all the other
software now worked that way to... de WB4APR, Bob

 On Fri, 19 Jan 2001, John Gorkos wrote:

> Well, it seems there is a bit of a problem with acknowledgements.
> When a message is send to WHOIS, the ack is returned from AB0OO-14, not
> WHOIS. I can't transmit with the callsign of 'WHOIS' because I don't include
> my own callsign anywhere in the ACK. I was programming on the assumption
> that client software tracks acknowledgements based on message number only,
> i.e. if N0LID sends a message to WHOIS it actually looks like this:
> N0LID::WHOIS   :WB4APR{001
> and the acknowledgement looks like this:
> AB0OO-14::N0LID   :ACK001
>
> Unfortunately, it seems that many clients not only match on messge number but
> also on callsign, so they have to receive this message to get the ACK:
> WHOIS::N0LID   :ACK001
>
> I'm not sure about the legality of transmitting as WHOIS. I suppose since I
> ID my station with all other packets, the WHOIS packets should be allowed,
> but I'm NOT an armchair lawyer.
>
> I will investigate how I can acknowledge with the correct format. Currently,
> I'm sending the message via the aprsd message port (udp 1315). I may need to
> send it directly to the hub server. I'll investigate. In the meantime, I'm
> going to crank up my dupe detection timers and limit the number of responses
> to 2.
>
> John Gorkos
> AB0OO
>
> BTW, look for the Canadian Callsign database in the next few days (thanks,
> Jeff).
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite   http://www.toad.net/~wclement/mim2.htm

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

124. [htaprs] Re: Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Fri, 19 Jan 2001 13:03:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130281-2001.01.19-13.16.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Friday 19 January 2001 12:49, Bob Bruninga spake thusly:
> APRSdos was originally written to require ACKS from the matching call.
> But messages to EMAIL acked by WU2Z made that not work. I finally
> aquiessed to accepting matching line numbers as the sole criteria for an
> ACK, although I am still not comfortable with it. I thought all the other
> software now worked that way to... de WB4APR, Bob
>
Do you know if the D7 and D700 match on msgnumber only, or msg #/callsign?

I'm interested in your comfort level. What makes you want to include the
FROM callsign as part of the unique key for message ID? I feel like message
aliases are a great thing. In the framework I have, I also track the
position of all heard stations in the network. I can limit replies to
"alias" names by geography, making it possible to answer queries to 'NEWS'
with local news only, or even local news for multiple geographic locations,
based on the requestor's position.
The only packet that gets sent with a receiver/sender mismatch is the
single ACK from the original request. After that, the sending station knows
who the local responder is, and can then send further queries to a specific
callsign instead of the alias.

If you still aren't comfortable with the way this is going, let's have a
dialog about it and get consensus.

John Gorkos
AB0OO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

125. [htaprs] Re: Problems w/ New IGATE Service

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 19 Jan 2001 14:12:50 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130286-2001.01.19-13.27.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 19 Jan 2001, John Gorkos wrote about ACK requirements:

> Do you know if the D7 and D700 match on msgnumber only, or msg #/callsign?

Dont remember...

> I'm interested in your comfort level.

I had thought that it would require me to keep a continuoulsy runnig
serial number that would have to be saved between sessions to make sure
that no two messages ever had the same #. I think I convinved myself that
ACKS in APRSdom have a latgency of about 30 seconds to a minute. Beyond
that, resusing old line numbers should not be a problem?

> If you still aren't comfortable with the way this is going, let's have a
> dialog about it and get consensus.

OK, what do you think?
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

126. [htaprs] Re: Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Fri, 19 Jan 2001 13:26:12 -0600

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130290-2001.01.19-13.39.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Friday 19 January 2001 13:12, Bob Bruninga spake thusly:
> On Fri, 19 Jan 2001, John Gorkos wrote about ACK requirements:
> > Do you know if the D7 and D700 match on msgnumber only, or msg
> > #/callsign?
>
> Dont remember...
I'll expiriment and let you know. I can't recall, either. It seems that
it's done solely on MSG number, not callsign.

>
> > I'm interested in your comfort level.
>
> I had thought that it would require me to keep a continuoulsy runnig
> serial number that would have to be saved between sessions to make sure
> that no two messages ever had the same #. I think I convinved myself that
> ACKS in APRSdom have a latgency of about 30 seconds to a minute. Beyond
> that, resusing old line numbers should not be a problem?
>
> > If you still aren't comfortable with the way this is going, let's have a
> > dialog about it and get consensus.
>
> OK, what do you think?
> bob

I'm doing what you thought originally. On the server, I maintain a state
file with the latest message number. It is updated every time a new message
is initiated. That way, I KNOW I'm sending 'fresh' numbers in my responses.
The difference is, I'm doing it on a unix server with high availability and
no chance of an errant user erasing the file. I'll roll the numbers over at
999. I think you're right about the latency of Acks, though. And because
the destination call is part of the ack, there's no chance of someone elses
ack clearing your queue. I see a LOT of messages come into the server with
low message numbers, and it looks like my acks are going to the right places.

  Back to my original thought, I'm not sure how legal it is for me to
transmit an ack from WHOIS instead of AB0OO. Is that an issue?

John

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

127. [htaprs] Re: Problems w/ New IGATE Service

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 19 Jan 2001 11:35:01 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130293-2001.01.19-13.50.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

WinAPRS only recognizes EMAIL as a unique callsign. You will perhaps recall that APRS+SA supports Alias
callsigns, different from Tactical callsigns, and that I was using the alias of AIRMAIL, which allows
for the generation of multi-line email messages, QRZ callsign lookup which give both US and non-US
calls, and the ability to create email messages with attached Street Atlas USA map files. Well, as
long as the requesting station was another APRS+SA station, or Kenwood D-7x, ACKS work fine. WinAPRS
would not work and APRSdos would not work. That is when you acquiesced. I don't know what UI-View
requires. But WinAPRS still only sees EMAIL as a special case.   Make your WHOIS transmit as WHOIS, and
 generate an APRS Object showing the location of WHOIS with the text stating the Ham Callsign,
transmitted to meet ID requirement. Brent KH2Z

----- Original Message -----
From: "Bob Bruninga" <bruninga@usna.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, January 19, 2001 10:49 AM
Subject: [htaprs] Re: Problems w/ New IGATE Service

> APRSdos was originally written to require ACKS from the matching call.
> But messages to EMAIL acked by WU2Z made that not work. I finally
> aquiessed to accepting matching line numbers as the sole criteria for an
> ACK, although I am still not comfortable with it. I thought all the other
> software now worked that way to... de WB4APR, Bob
>
> On Fri, 19 Jan 2001, John Gorkos wrote:

> > Well, it seems there is a bit of a problem with acknowledgements.
> > When a message is send to WHOIS, the ack is returned from AB0OO-14, not
> > WHOIS. I can't transmit with the callsign of 'WHOIS' because I don't include
> > my own callsign anywhere in the ACK. I was programming on the assumption
> > that client software tracks acknowledgements based on message number only,
> > i.e. if N0LID sends a message to WHOIS it actually looks like this:
> > N0LID::WHOIS   :WB4APR{001
> > and the acknowledgement looks like this:
> > AB0OO-14::N0LID   :ACK001
> >
> > Unfortunately, it seems that many clients not only match on messge number but
> > also on callsign, so they have to receive this message to get the ACK:
> > WHOIS::N0LID   :ACK001
> >
> > I'm not sure about the legality of transmitting as WHOIS. I suppose since I
> > ID my station with all other packets, the WHOIS packets should be allowed,
> > but I'm NOT an armchair lawyer.
> >
> > I will investigate how I can acknowledge with the correct format. Currently,
> > I'm sending the message via the aprsd message port (udp 1315). I may need to
> > send it directly to the hub server. I'll investigate. In the meantime, I'm
> > going to crank up my dupe detection timers and limit the number of responses
> > to 2.
> >
> > John Gorkos
> > AB0OO
> >
> > BTW, look for the Canadian Callsign database in the next few days (thanks,
> > Jeff).
> >
> > ---
> > You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
> >
>
> de WB4APR@amsat.org, Bob
>
> See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
> See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
> See MIM/Mic-E/Mic-Lite   http://www.toad.net/~wclement/mim2.htm
>
>
> ---
> You are currently subscribed to htaprs as: bhildebrand@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

128. [htaprs] Re: Problems w/ New IGATE Service

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 19 Jan 2001 11:50:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130296-2001.01.19-14.03.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

*** Comments below

> On Friday 19 January 2001 13:12, Bob Bruninga spake thusly:
> > On Fri, 19 Jan 2001, John Gorkos wrote about ACK requirements:
> > > > Do you know if the D7 and D700 match on msgnumber only, or msg
> > > > #/callsign?
> > >
> > Dont remember...
> I'll expiriment and let you know. I can't recall, either. It seems that
> it's done solely on MSG number, not callsign.

*** The D7x match number only.

>
> >
> > > I'm interested in your comfort level.
> >
> > I had thought that it would require me to keep a continuoulsy runnig
> > serial number that would have to be saved between sessions to make sure
> > that no two messages ever had the same #. I think I convinved myself that
> > ACKS in APRSdom have a latgency of about 30 seconds to a minute. Beyond
> > that, resusing old line numbers should not be a problem?
> >
> > > If you still aren't comfortable with the way this is going, let's have a
> > > dialog about it and get consensus.
> >
> > OK, what do you think?
> > bob
>
> I'm doing what you thought originally. On the server, I maintain a state
> file with the latest message number. It is updated every time a new message
> is initiated. That way, I KNOW I'm sending 'fresh' numbers in my responses.
> The difference is, I'm doing it on a unix server with high availability and
> no chance of an errant user erasing the file. I'll roll the numbers over at
> 999. I think you're right about the latency of Acks, though. And because
> the destination call is part of the ack, there's no chance of someone elses
> ack clearing your queue. I see a LOT of messages come into the server with
> low message numbers, and it looks like my acks are going to the right places.
>
>   Back to my original thought, I'm not sure how legal it is for me to
> transmit an ack from WHOIS instead of AB0OO. Is that an issue?
>
> John

*** It is perfectly legal to use WHOIS. Just ID WHOIS with the real callsign with in the specified limits of the law.

Brent KH2Z

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

129. [htaprs] Re: Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Fri, 19 Jan 2001 14:08:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130300-2001.01.19-14.22.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Friday 19 January 2001 13:35, Brent Hildebrand spake thusly:
> WinAPRS only recognizes EMAIL as a unique callsign. You will perhaps recall
> that APRS+SA supports Alias callsigns, different from Tactical callsigns,
> and that I was using the alias of AIRMAIL, which allows for the generation
> of multi-line email messages, QRZ callsign lookup which give both US and
> non-US calls, and the ability to create email messages with attached
> Street Atlas USA map files. Well, as long as the requesting station was
> another APRS+SA station, or Kenwood D-7x, ACKS work fine. WinAPRS ould not
> work and APRSdos would not work. That is when you acquiesced. I don't
> know what UI-View requires. But WinAPRS still only sees EMAIL as a special
> case.

 Thank you for that excellent summary.

> Make your WHOIS transmit as WHOIS, and generate an APRS Object
> showing the location of WHOIS with the text stating the Ham Callsign,
> transmitted to meet ID requirement. Brent KH2Z

Gee, that's ugly. It's also Hard to do, using aprsd as the messaging interface. Could I transmit an ID message similar to the following, every 10 minutes:
AB0OO-14: Linux WX Igate, transmitting as WHOIS, SCORES, and LOCATE
 ? Usually, the FCC rulebook wonks come out of the woodwork on questions like this...

(The scores server already works, I'm working on LOCATE to work similar to whois: a query to LOCATE with a callsign in the body returns the current position in relation to a metropolitan center, similar to Steve's findu page, i.e.   AB0OO heard 0d00:15:10 ago 7.5 miles NW of Olathe, Ks)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

130. [htaprs] Re: Problems w/ New IGATE Service

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 19 Jan 2001 20:52:34 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130303-2001.01.19-15.09.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-130293-2001.01.19-13.50.05--roger#peaksys.co.uk@lis
ts.tapr.org>, Brent Hildebrand <bhildebrand@earthlink.net> writes
>WinAPRS only recognizes EMAIL as a unique callsign. You will perhaps recall that
>APRS+SA supports Alias callsigns, different from Tactical callsigns, and that I
>was using the alias of AIRMAIL, which allows for the generation of multi-line
>email messages, QRZ callsign lookup which give both US and non-US calls, and
>the ability to create email messages with attached Street Atlas USA map files.
>Well, as long as the requesting station was another APRS+SA station, or Kenwood
>D-7x, ACKS work fine. WinAPRS would not work and APRSdos would not work. That
>is when you acquiesced. I don't know what UI-View requires.

It matches on callsign + message number, and maintains a unique message
number sequence for each callsign to whom you send messages.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

131. [htaprs] Re: [John Gorkos] Re: Problems w/ New IGATE Service

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 19 Jan 2001 15:01:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130304-2001.01.19-15.21.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Do you know if the D7 and D700 match on msgnumber only, or msg #/callsign?

My D7A with the G upgrade accepts your ack!

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

132. [htaprs] Re: Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Fri, 19 Jan 2001 15:13:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130305-2001.01.19-15.26.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Friday 19 January 2001 14:52, Roger Barker spake thusly:
> In article <LYR10022-130293-2001.01.19-13.50.05--roger#peaksys.co.uk@lis
> ts.tapr.org>, Brent Hildebrand <bhildebrand@earthlink.net> writes
>
> >WinAPRS only recognizes EMAIL as a unique callsign. You will perhaps
> > recall that APRS+SA supports Alias callsigns, different from Tactical
> > callsigns, and that I was using the alias of AIRMAIL, which allows for
> > the generation of multi-line email messages, QRZ callsign lookup which
> > give both US and non-US calls, and the ability to create email messages
> > with attached Street Atlas USA map files. Well, as long as the requesting
> > station was another APRS+SA station, or Kenwood D-7x, ACKS work fine.
> > WinAPRS would not work and APRSdos would not work. That is when you

> > acquiesced. I don't know what UI-View requires.
>
> It matches on callsign + message number, and maintains a unique message
> number sequence for each callsign to whom you send messages.

I'm curious about this. An example should help.

I'm AB0OO, and I have two 'conversations' going on. One is to N5TEX, one to
N0LID. The packets would look like this?

AB0OO::N5TEX   :Hi dad, how are you?{001
AB0OO::N0LID   :Steve, good to see you again!{001
These would result in the following ACKs:
N5TEX::AB0OO   :ACK001
N0LID::AB0OO   :ACK001

Is this correct? TIMTOWTDI, I suppose. Seems like you're keeping track of
more stuctures than I am comfortable with, but then, I've never written a
complete APRS GUI client before. Thanks for the insight...

John Gorkos

BTW, if this gets much more technical, Stan is going to boot us over to
APRSTech or some such list.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

133. [htaprs] Re: Problems w/ New IGATE Service

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 19 Jan 2001 17:08:44 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130309-2001.01.19-16.22.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 19 Jan 2001, John Gorkos wrote:

>   Back to my original thought, I'm not sure how legal it is for me to
> transmit an ack from WHOIS instead of AB0OO. Is that an issue?

Do it in 3rd party format if it bothers you.
But since WU2Z's Emailer does not ack from the same call, and if Kenwoods
are OK with that (I think they are) then I wouldnt bother...
Since it appears we all do it now by MSG#...only

bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

134. [htaprs] Re: Problems w/ New IGATE Service

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 19 Jan 2001 22:13:35 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130312-2001.01.19-16.30.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-130305-2001.01.19-15.26.24--roger#peaksys.co.uk@lis
ts.tapr.org>, John Gorkos <jgorkos@san-carlos.rms.slb.com> writes
[snip]
>
>I'm curious about this. An example should help.
>
>I'm AB0OO, and I have two 'conversations' going on. One is to N5TEX, one to
>N0LID. The packets would look like this?
>
>AB0OO::N5TEX   :Hi dad, how are you?{001
>AB0OO::N0LID   :Steve, good to see you again!{001
>These would result in the following ACKs:
>N5TEX::AB0OO   :ACK001
>N0LID::AB0OO   :ACK001
>

>Is this correct? TIMTOWTDI, I suppose. Seems like you're keeping track of
>more stuctures than I am comfortable with, but then, I've never written a
>complete APRS GUI client before. Thanks for the insight...

Yes. The message numbers are actually two digits, and the sequence for
any callsign is maintained across program sessions.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

135. [htaprs] Re: Problems w/ New IGATE Service

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Fri, 19 Jan 2001 14:25:28 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130315-2001.01.19-16.39.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > Make your WHOIS transmit as WHOIS, and generate an APRS Object
> > showing the location of WHOIS with the text stating the Ham Callsign,
> > transmitted to meet ID requirement. Brent KH2Z
>
> Gee, that's ugly. It's also Hard to do, using aprsd as the messaging
> interface. Could I transmit an ID message similar to the following, every 10
> minutes:

Ugly? Hard to do? Really? This is APRS. An object showing the location of station fits right in with
 APRS.

Brent

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

136. [htaprs] Re: Problems w/ New IGATE Service

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 19 Jan 2001 17:30:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130316-2001.01.19-16.44.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 19 Jan 2001, John Gorkos wrote:

> I'm curious about this. An example should help.
>
> I'm AB0OO, and I have two 'conversations' going on. One is to N5TEX, one to
> N0LID. The packets would look like this?
>
> AB0OO::N5TEX   :Hi dad, how are you?{001
> AB0OO::N0LID   :Steve, good to see you again!{001
> These would result in the following ACKs:
> N5TEX::AB0OO   :ACK001
> N0LID::AB0OO   :ACK001

Ah, dont do that. always increment the line numer no matter who it goes
to... then every ACK is unique

bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

137. [htaprs] Re: Problems w/ New IGATE Service (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 19 Jan 2001 17:33:52 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130317-2001.01.19-16.48.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Brent. I thought that Sprouls agreed to no longer treat EMAIL as a
special case.. and to allow for ACK by msg number only. I gues they
havent dont it yet. THanks for clarifying it..

Bob
 On Fri, 19 Jan 2001, Brent
Hildebrand wrote:

 > WinAPRS only recognizes EMAIL as a unique callsign. You will perhaps
 recall that APRS+SA supports Alias callsigns, different from Tactical
 callsigns, and that I was using the alias of AIRMAIL, which allows for
 the generation of multi-line email messages, QRZ callsign lookup which
 give both US and non-US calls, and the ability to create email messages
 with attached Street Atlas USA map files. Well, as long as the
 requesting station was another APRS+SA station, or Kenwood D-7x, ACKS
 work fine. WinAPRS would not work and APRSdos would not work. That is
 when you acquiesced. I don't know what UI-View requires. But WinAPRS
 still only sees EMAIL as a special case.   Make your WHOIS transmit as
 WHOIS, and generate an APRS Object showing the location of WHOIS with the
 text stating the Ham Callsign, transmitted to meet ID requirement. Brent
 KH2Z

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

138. [htaprs] Re: Problems w/ New IGATE Service

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 19 Jan 2001 22:58:45 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130327-2001.01.19-17.15.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-130316-2001.01.19-16.44.28--roger#peaksys.co.uk@lis
ts.tapr.org>, Bob Bruninga <bruninga@usna.edu> writes
>On Fri, 19 Jan 2001, John Gorkos wrote:
>
>> I'm curious about this. An example should help.
>>
>> I'm AB0OO, and I have two 'conversations' going on. One is to N5TEX, one to
>> N0LID. The packets would look like this?
>>
>> AB0OO::N5TEX   :Hi dad, how are you?{001
>> AB0OO::N0LID   :Steve, good to see you again!{001
>> These would result in the following ACKs:
>> N5TEX::AB0OO   :ACK001
>> N0LID::AB0OO   :ACK001
>
>Ah, dont do that. always increment the line numer no matter who it goes
>to... then every ACK is unique

Then how can the recipient know that he hasn't missed a line? I
appreciate that with serial transmission that shouldn't be possible, but
serial transmission is arguably a weakness of the messaging protocol.

Also, the above message ids are unique, because the id can be regarded
as destination address + message number. Similarly, the acks are unique
and can be matched to the corresponding message.

What I find difficult to understand is the "logic" of sending a message
to one callsign/alias and receiving an ack from a different callsign.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

139. [htaprs] Re: Sending an EMAIL message via APRS on a Kenwood TH-D7AG

From: Lee Dickinson <k4lad@arrl.net>
Date: Fri, 19 Jan 2001 18:12:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130333-2001.01.19-17.36.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:13 PM 1/17/01 -0500, Tom Busch wrote:

>>I think this is actually illegal, unless these guys are personally
>>clearing each message. You cannot allow a non-amateur to cause an amateur
>>station to transmit without a control operator present.

What is the difference between this and a phone patch? - Lee

73 de K4LAD - Lee A. Dickinson
QTH: Colbert, Georgia, USA (Grid: EM84ja)

http://www.qrz.com/database?callsign=k4lad

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

140. [htaprs] Re: Problems w/ New IGATE Service

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 20 Jan 2001 09:46:01 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130397-2001.01.20-04.01.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-130327-2001.01.19-17.15.19--roger#peaksys.co.uk@lis
ts.tapr.org>, Roger Barker <roger@peaksys.co.uk> writes
[snip]

I've made some further comments in the APRSSPEC list, which is probably
a more appropriate place to carry on the discussion.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

141. [htaprs] Re: Problems w/ New IGATE Service

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Sat, 20 Jan 2001 10:0:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130453-2001.01.20-10.13.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wow Great Service John,

Really neat enhancement for APRS rigs.

I was just thinking out of the box, and I think you are really onto
something here.

What if we implemented something like

Whereis K1RTV and the text of
http://www.findu.com/cgi-bin/find.cgi?k1rtv-7 is returned, something like
:25.7 miles southwest of FREDERICK, MD

Also

Whenis K1RTV and the text of
http://www.findu.com/cgi-bin/find.cgi?k1rtv-7 is returned, something like
:Report received 1 days 1 hours 29 minutes 18 seconds ago

The possibilities are truly endless.

We have a really neat messageing system here that could be linked to all
sorts of things on the internet to get information.

Great Work!

Keep me posted on your progress,

73's

Randy R. Creller
K1RTV
Harpers Ferry, WV
Eastern Panhandle of WV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

142. [htaprs] Re: Problems w/ New IGATE Service

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 20 Jan 2001 12:12:41 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130467-2001.01.20-11.26.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 20 Jan 2001, Randy R. Creller wrote:

> What if we implemented something like
> "Whereis K1RTV"

Here is what I think should come back via PACKET:

1) An APRS formatted position report for K1RTV (if exists)
2) Otherwise a MSG reply "K1RTV last heard via XXXX digi"

> We have a really neat messageing system here that could be linked to all
> sorts of things on the internet to get information.

I agree! And we have handheld "tiny-web-page-viewers" in the palm of our
hands!

de WB4APR, Bob

See my APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
See APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
See MIM/Mic-E/Mic-Lite   http://www.toad.net/~wclement/mim2.htm

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

143. [htaprs] Re: Problems w/ New IGATE Service

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Sat, 20 Jan 2001 12:17:53
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130475-2001.01.20-12.31.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

I tried the WHOIS and http://www.findu.com did recieve the message and post
it under my call sign K1RTV.

However, The Digi's or Igate that is receiving my APRS messages is not
re-sending/forwarding this via the radio. I.E. I never received the output
on my HT, just on http://www.findu.com.

What needs to happen on the Igate that I hit to allow TCP/IP messages to be
re-directed over the air waves???

How can I find out just which Igate is processing my WHOIS APRS message so
I can contact the administrator to find out about possibly changing the
settings???

Randy R. Creller
K1RTV
Harpers Ferry, WV
Eastern PanHandle of WV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

144. [htaprs] Kenwood TM-D700 Problem

From: "Brad Adams" <beadams@home.com>
Date: Sat, 20 Jan 2001 17:01:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130495-2001.01.20-17.08.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To the list:

I recently purchased a one year old Kenwood TM-D700. After programming the radio and connecting my GPS (Street Pilot) whenever teh TNC function of the radio is enabled and you transmit on the UHF band on the B side, there is a very annoying "rumble" on the UHF transmitted audio. Unplugging the GPS or computer from the radio has no effect. ONLY when you disable the TNC function (either APRS or Packet) does the noise go away. I have looked on the Kenwood website for a tech bulletin, but found none regarding the D700 radio.

Anyone seen this movie before?

Brad Adams
N4PYI
n4pyi@n4pyi.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

145. [htaprs] Re: Problems w/ New IGATE Service

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 21 Jan 2001 13:36:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130600-2001.01.21-12.49.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Randy R. Creller
> Sent: Saturday, January 20, 2001 10:00 AM

   [snip]

> Whereis K1RTV and the text of
> http://www.findu.com/cgi-bin/find.cgi?k1rtv-7 is returned,
> something like
> :25.7 miles southwest of FREDERICK, MD
>
> Also
>
> Whenis K1RTV and the text of
> http://www.findu.com/cgi-bin/find.cgi?k1rtv-7 is returned,
> something like
> :Report received 1 days 1 hours 29 minutes 18 seconds ago

 why have two scripts? why not simply a message to WHEREIS N1BQ and have it return;

     :N1BQ-8($) 25.8 mi.
     :NE of Burlington, VT
     :1d 2h 29m 18s ago

 Where the "$" is an M - mobile, W - weather, D - digi, F - fixed, I - internet, or even ? - "I dunno", depending on what information has been gleaned about the station. For example if there is course and speed mobile/portable operation is probable, a weather data string in the status text might indicate weather station, the word DIGI ... etc.

If there are multiple instances of N1BQ - which there could be (N1BQ-3
wide digi, N1BQ-8, my mobile D700, N1BQ-7 my portable D7G and N1BQ-1, my
Internet connection when/if it is on) you get one screen/message for
each entry, that saves having to do a WHEREIS N1BQ*, get a list and
then do it again for the specific call.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

146. [htaprs] Re: Problems w/ New IGATE Service

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 21 Jan 2001 13:36:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130601-2001.01.21-12.49.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Randy Creller
> Sent: Saturday, January 20, 2001 12:18 PM
> To: TAPR Hot Technology APRS

  [snip]
> I tried the WHOIS and http://www.findu.com did recieve the
> message and post it under my call sign K1RTV.
>
> However, The Digi's or Igate that is receiving my APRS
> messages is not re-sending/forwarding this via the radio.
> I.E. I never received the output on my HT, just on
> http://www.findu.com.
>
> What needs to happen on the Igate that I hit to allow TCP/IP
> messages to be re-directed over the air waves???
>
> How can I find out just which Igate is processing my WHOIS
> APRS message so I can contact the administrator to find out
> about possibly changing the settings???

  Come on, think about it, the system cannot have just anyone gating
messages from the net to RF. There is no way for the system to know if
you (thatis you Internet app) have a ham license. You need to check it
out with Steve, K4HG as to how to register with APRSErve so you will get
gated.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

147. [htaprs] D700 and Street Pilot

From: "mark.endicott" <endicott@nashville.com>
Date: Sun, 21 Jan 2001 22:10:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130650-2001.01.21-22.24.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Today I had my D700 on the bench and had a GPS III attached, I left my
Street Pilot in the car. I noticed that the D700 put waypoints on the
GPSIII but doesn't on the Street Pilot. Is there a flash or a setting that
I am missing, I seem to recall that I have been able to upload waypoints to
the Street Pilot from other programs, perhaps it was only in the Garmin
mode. I have it in the NEMA out mode now and I am receiving nothing. Am I
just behind the times with upgrades or does the Street Pilot just not accept
waypoints in the NEMA mode?

It sure is cool on the GPS III

Mark,WB0NOO
Nashville

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

148. [htaprs] Re: D700 and Street Pilot

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Sun, 21 Jan 2001 22:50:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130651-2001.01.21-23.04.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:10 PM 1/21/01, mark.endicott wrote:

>mode. I have it in the NEMA out mode now and I am receiving nothing. Am I
>just behind the times with upgrades or does the Street Pilot just not accept
>waypoints in the NEMA mode?

The Street Pilot does not accept NMEA in, and probably never will. I
think if Garmin could implement it, they would have by now.

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

149. [htaprs] Re: Problems w/ New IGATE Service

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Mon, 22 Jan 2001 10:25:57
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130719-2001.01.22-10.39.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a copy of the note I sent to Steve Demise K4HG.

I will post his response after he replys to my email

Hi Steve,

The note attached below was the note that prompted me to send my first
message.

The fellow below Brian B. Riley eluded to the fact that there was some sort
of registration with APRServe to get your IP APRS messages gated to RF.

Is this true???

If so How can I register?

Let me fill you in with a little background information here.

Recently on http://www.tapr.org/tapr/html/sigf.html under APRS Hot
Technology John Gorkos call sign AB0OO email address
jgorkos@san-carlos.rms.slb.com has been working on APRS addons and has come
up with one called WHOIS. APRS messages addressed to WHOIS with a message
containing only the Callsign you wish to lookup in the FCC License
database,

I.E.

To:WHOIS
K1RTV

is a message that I sent recently.

The Response as seen at http://www.findu.com/cgi-bin/msg.cgi?K1RTV-7 on
1/20 at 16:39:39 is:

K1RTV is CRELLER, RANDY from HARPERS FERRY, WV

This appears to all be working well but the above message is simply not be
gated back to RF in my area so that I can see it on my Kenwood Th-D7AG.

I believe the originating user callsign that sends this note is WHOIS and
is not in my region but I am not sure of this???

How can I get APRS messages addressed to me to be gated back to RF on
144.390???

Also how can I trace just which IGATE is responsible for doing so in my
area???

Thanks for your prompt response.

73's

Randy R. Creller
K1RTV
Harpers Ferry WV

----- Original Message -----
From: Brian B. Riley
Sent: Sunday, January 21, 2001 1:37 PM
To: Randy R. Creller; TAPR Hot Technology APRS
Subject: RE: [htaprs] Re: Problems w/ New IGATE Service

> -----Original Message-----
> From: Randy Creller
> Sent: Saturday, January 20, 2001 12:18 PM
> To: TAPR Hot Technology APRS

  [snip]
> I tried the WHOIS and http://www.findu.com did recieve the
> message and post it under my call sign K1RTV.
>
> However, The Digi's or Igate that is receiving my APRS
> messages is not re-sending/forwarding this via the radio.
> I.E. I never received the output on my HT, just on
> http://www.findu.com.
>
> What needs to happen on the Igate that I hit to allow TCP/IP
> messages to be re-directed over the air waves???
>
> How can I find out just which Igate is processing my WHOIS
> APRS message so I can contact the administrator to find out
> about possibly changing the settings???

  Come on, think about it, the system cannot have just anyone gating
messages from the net to RF. There is no way for the system to know if
you (thatis you Internet app) have a ham license. You need to check it
out with Steve, K4HG as to how to register with APRSErve so you will get
gated.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

150. [htaprs] Re: Problems w/ New IGATE Service

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Mon, 22 Jan 2001 08:50:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130755-2001.01.22-16.04.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Saturday 20 January 2001 18:38, Tony Drumm spake thusly:
> John,
>
> I'm a little confused. Are you originating these on aprsd then on through
> the internet to the destination? If so, then ID stuff would seem to be
> irrelevant. The actual transmitter is someone else's station which
> presumably IDs as it's supposed to. Or am I *really* confused?
>
> Tony

> AA0SM

You are correct. I have elected to not send packets directly to the TNC,
instead, all response packets from both WHOIS and AB0OO are send to the inet
side only. My aprsd software then watches the downstream feed, and when I
see a message destined to a station I've heard on RF, I gate it through to
the TNC. Before, ALL messages we're being gated through to RF (i.e., WB4APR
does a whois in Maryland, the reply gets sent out on RF here in KC as well as
back to the igate). The locals never gave me a really bad time about it, but
it certainly wasn't good citizenship. Looks like the ID problem is solved
for the time being.

John
AB0OO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

151. [htaprs] National Frequency

From: diputs <diputs@erols.com>
Date: Tue, 23 Jan 2001 06:43:54 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130850-2001.01.23-05.56.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How much wattage do I need in the "middle of no where" U.S. to beacon on
144.39? Is there really full U.S. coverage? I am trying to decide
between a 50w or 80w HT amplifier.

Anyone interested in answering a lot of newbie questions that I have
about traveling with APRS?

Heath
I just passed my tech licensee last night.

--
diputs   (spell it backwards)
--
"Next time I will..." "From now on I will..." --What makes me think I
am wiser today than I will be tomorrow?
Notes to Myself by Hugh Prather
--
Nighthawk and Blackbird

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

152. [htaprs] Re: Problems w/ New IGATE Service

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Tue, 23 Jan 2001 6:14:59
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130851-2001.01.23-06.28.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi John,

I think I am beginning to understand your architecture now.

Just what are the changes you have to make to the APRSD software to allow
the messages to a recently heard CallSign to be gated back to RF.

Specifically what I am looking for here is the parameters you are setting
in the APRSD server configuration file need to be set to allow this to
happen. I believe they are not set properly on the IGATE that I am using
and my WHOIS responses are not being gated back to RF.

Also how can I verify exactly which IGATE I am using???

Thanks in advance,

Randy R. Creller
K1RTV
Harpers Ferry, WV
Eastern Panhandle of WV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

153. [htaprs] Re: National Frequency

From: Brian Badger <Brian.Badger@wcom.com>
Date: Tue, 23 Jan 2001 10:03:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130882-2001.01.23-11.19.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

diputs wrote:

> How much wattage do I need in the "middle of no where" U.S. to beacon on
> 144.39? Is there really full U.S. coverage? I am trying to decide
> between a 50w or 80w HT amplifier.

Well, as a general rule of thumb, if you can't get in to the network with 5 watts, you probably can't get in with 50 watts -- signal fluctuations while mobile are usually much greater than 10db. Better to invest in a nice _stiff_ gain antenna.

As for "full US coverage" I think that's pretty close to reality. There are holes out there, where nobody (and I mean NOBODY) lives. In those spots, late at night, you'll get the urge for a General ticket and a good mobile HF rig.

Then again, some "middle of nowhere" spots are covered very very well -- take New Mexico for example.

> Anyone interested in answering a lot of newbie questions that I have
> about traveling with APRS?

Fire away. The entire list can help. In general it makes operating mobile much more rewarding -- simplex contacts find you, instead of the other way around. Put your simplex freq in your status text.
--
Brian Badger, Worldcom NGSN Signaling Gateway Development KCØHIR DM78nw

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

154. [htaprs] Re: National Frequency

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Tue, 23 Jan 2001 12:33:50 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130890-2001.01.23-12.47.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:43 AM 1/23/01, diputs wrote:

>How much wattage do I need in the "middle of no where" U.S. to beacon on
>144.39? Is there really full U.S. coverage? I am trying to decide
>between a 50w or 80w HT amplifier.

I assume you are talking about mobile/automobile-based operations. And no, there is not full National Coverage. Somewhere, there is posted and APRS "illumination" map that will give you a fairly accurate view of US coverage. Most cities with populations of 100,000 or more will have a digipeater.

I have found, unscientifically, that 15 watts is about the ideal wattage for a tracker where digipeater coverage is spotty and or you have low elevation digipeaters. Remember VHF is Line-of-Sight so more wattage isn't (under most circomstances) necessarily going to get you more distance. If the Digipeater is below your horizon - 200 watts isn't more useful than 2 watts. 15 watts seems to cut through ground clutter, if you can "see" the digipeater. Radio Shack used to make a 30 watt 2-meter RF amplifier (FM only - not a linear) that can usually be found at hamfests for $25 or less. If you have a dual-band HT, you might want to look into a dual band amp, but they can get quite expensive.

A good external antenna and mount are far more important than 80 watts, so
that is where you should but your money.

My recommendation is that if you are going to have a permanent tracker in
your vehicle is to use an inexpensive used mobile rig as your
transceiver. A full TNC is not needed in this role and you can use
something like a tinytrak (http://www.byonics.com/index.html) or the Kiss
TNC recently featured in QST.   I prefer a full TNC - like the Kantronics
KPC-3 Plus, but it is not necessary.   For a GPS, I recommendd the Rand
McNally GPS engine.   I purchased mine for $73 including tax and shipping
from Rand McNally's web site.

Kenwood 200 series mobile rigs can be found on eBay or at hamfests for
under $90 and I find they make excellent utility transceivers and are far
more able to cope with environmental extremes than an HT, especially ones
with LCD displays.   Buying one of these may actually be cheaper than
buying an RF amp.   A side benefit is that using a second radio is that it
frees up your HT to be where it should be - on your hip.

Note: Many people on this SIG consider my views unorthodox and think that
an HT is the do-all be-all transceiver. Others have opined that using more
than 5 watts for mobile APRS stations constitutes a danger to the national
APRS network.

73,

Mark
KC7BXS

A wise ham told me when I first got my license not to try and make an HT my
station.   It was/is good advice, but it took me a few years to realize it.

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155. [htaprs] Re: National Frequency

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 23 Jan 2001 14:06:23 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-130895-2001.01.23-13.19.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 23 Jan 2001, diputs wrote:

> How much wattage do I need in the "middle of no where" U.S. to beacon on
> 144.39? Is there really full U.S. coverage? I am trying to decide
> between a 50w or 80w HT amplifier.

THe difference between 50 and 80 W is only 2 dB. Hardly noticible
compared to the 30 dB mobile flutter of a moving vehicle. Bigger concern
might be the number of AMPS needed to run it...
bob

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156. [htaprs] PacComm DR100 as APRS Digi??

From: Jack Chomley <chomley@telelink.com.au>
Date: Wed, 24 Jan 2001 05:08:56 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130896-2001.01.23-13.27.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does any one know if a PacComm DR100 can be used as an APRS
Digipeater? If not, is there anyway of modifying it to do
so....by way of EPROM upgrade etc?
I have a brand new one, never used and would like to set it up.

Jack Chomley
VK4JRC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

157. [htaprs] More Info (Was Re: National Frequency)

From: diputs <diputs@erols.com>
Date: Tue, 23 Jan 2001 23:05:51 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130960-2001.01.23-22.19.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First I want to thank everyone for their responses, but also give a
little more info that might help clarify the question.

(If someone is interested in fielding further questions, I would love to
find a APRS Elmer/ guide. I will also check out the Elmer page)

I am planning a 3 month motorcycle trip around the country, traveling
about 200-400 miles a day. So being on a motorcycle, amp power is a
really big concern. I have been taking a lot of trips via GPS and
thought APRS would be a nice addition. I don't really have room for a
D700, so was thinking about going with the D7A, and an amplifier. I
also like the idea of being able to take the HT with me.

Things I've learned. Good stiff mobile antenna. (Anyone want to give
their favorites?) 80w amp is unnecessary, 50w is ample.

Basic Trip plans. NYC to Washington D.C. then US-50 to CA, up Pacific
Coast Highway to Seattle. U.S.2 to Wisconsin, then US 20 back to NYC. I
get the sense that I will be out of range, more than in range. Should I
focus on ASTARS?

I just passed my tech exam last night, so I have only been doing a lot
of listening. In NYC, I have no problem seeing the APRS info. But I do
not understand what I need (power) to be seen, or how I know if I am
heard if I don't have access to a computer on the trip. I don't want to
TX for days if no one is seeing me. If the answers to my questions are
going to become apparent, I am sorry for wasting bandwidth.

How much RF radiation will be going through my body if I Tx every 5
minutes with a mobile antenna mounted right behind me. Will I start
glowing?

Again, Thank You All. I've been reading the list, and checking out the
sites for a while now. Most of it goes over my head, but I'm learning.

Heath (Checking the callsign database every day)

Bob Bruninga wrote:
>
> On Tue, 23 Jan 2001, diputs wrote:
>
> > How much wattage do I need in the "middle of no where" U.S. to beacon on
> > 144.39? Is there really full U.S. coverage? I am trying to decide
> > between a 50w or 80w HT amplifier.
>
> THe difference between 50 and 80 W is only 2 dB. Hardly noticible
> compared to the 30 dB mobile flutter of a moving vehicle. Bigger concern
> might be the number of AMPS needed to run it...
> bob

--
diputs   (spell it backwards)
--
"Next time I will..." "From now on I will..." --What makes me think I
am wiser today than I will be tomorrow?
Notes to Myself by Hugh Prather
--
Nighthawk and Blackbird

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158. [htaprs] Re: National Frequency

From: Skip Allison <sallison@megsinet.net>
Date: Tue, 23 Jan 2001 23:18:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130970-2001.01.23-23.33.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

diputs wrote:
>
> How much wattage do I need in the "middle of no where" U.S. to beacon on
> 144.39? Is there really full U.S. coverage? I am trying to decide
> between a 50w or 80w HT amplifier.
>

You won't see any big difference between 50W and 80W. But you will see a difference between 5 watts and 50 watts (10 dB). For example, if you get 15 miles from a digi with 5 watts, you might stretch that out to 20 miles at 50 watts. To get the most out of your tracker, I recommend a good roof mount antenna - stay away from thru-the-glass antennas. A good gain antenna will give you another 3 dB. (not much, but every dB adds up). If you use an amplifier, remember that it will have to sense power from the portable - then turn on and pull in the relays. This all takes time and you will need to lengthen your TXD (tx turn on delay) on your TNC to make up for the amp delays. Typically, you will have some APRS coverage in middle to big cities and BIG holes in between. I have driven from Chicago to Denver a number of times. Running 40 watts, I get decent coverage out to Davenport, Ia, then nothing until Omaha and Lincoln, then nothing until Denver.

Skip
K9SA

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159. [htaprs] Distance versus wattage

From: "Fred Dinkler" <fred@dinkler.com>
Date: Wed, 24 Jan 2001 06:53:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130993-2001.01.24-06.07.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am rigging an TH-D7 to a hot-air balloon for APRS tracking purposes.
Is the wattage versus distance discussion due to line-of-sight limitations,
or is it simply attenuation of the signal over distance?

My balloon will be at 10,000 feet (MSL), and I'm thinking it should be
hitting
a wider range of digipeaters than at a lower level.

Thanks,
Fred Dinkler
KG4HSS
Atlanta

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160. [htaprs] Motorcycle APRS Tracker

From: Lee Dickinson <k4lad@arrl.net>
Date: Wed, 24 Jan 2001 06:24:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-130994-2001.01.24-06.25.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Like Heath, I am looking to build a tracker for my motorcycle. I am not worried about a 50W drain on the electrical system because the duty cycle is so low it would be like flashing the high beam to the battery. What I am missing in my limited knowledge is an understanding of the minimum requirements for a good system. I too have a GPS on the bike, but it is a Garmin StreetPilot without NMEA output. I need the large screen to use it for NAV without pulling over or crashing. I think a second GPS dedicated to the tracker makes sense. I have no worries with building kits, I just

don't know what to get. Can someone help me fill in the blanks with an eye towards a simple but robust tracker (transmit only). Space is a premium, cost is less so.

RADIO> I have a Radio Shack HTX-202 available for use (amp needed?)
2M ANTENNA> 1/2 wave whip (motorcycle has no ground plane to speak of)
GPS ENGINE> Garmin 20 or 25 from TAPR?
GPS ANTENNA> Garmin passive (my original StreetPilot Antenna)

What else? TAC-2? PIC-E? How do I program these things? I know all of this is too remedial for this SIG, so if you could point me somewhere or help me off-line, I'd be grateful. I'd like to get the tracker operating before a July trip from Georgia to Oregon for the BMW National Rally. - Lee

73 de K4LAD - Lee A. Dickinson
QTH: Colbert, Georgia, USA (Grid: EM84ja)

http://www.qrz.com/database?callsign=k4lad

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161. [htaprs] Re: Distance versus wattage

From: JD Erskine VA7JD <jd@rescueteam.com>
Date: Wed, 24 Jan 2001 07:19:40 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131021-2001.01.24-09.33.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:53 24/01/01 -0500, Fred Dinkler wrote:
>I am rigging an TH-D7 to a hot-air balloon for APRS tracking purposes.
>Is the wattage versus distance discussion due to line-of-sight limitations,
>or is it simply attenuation of the signal over distance?
>
>My balloon will be at 10,000 feet (MSL), and I'm thinking it should be
>hitting
>a wider range of digipeaters than at a lower level.
>
>Thanks,
>Fred Dinkler
>KG4HSS
>Atlanta

Fred,

I'll likely be attentuation. You can work out your own electronic horizon by using 2.21 x the square root of the height of the TRX in metres. Sorry, don't have it in feet. That assumes a RX antenna at the horizon. If you wish to include the added distance to a typical mobile or fixed station, do the calculation again including their antenna height and add the two. Some will undoubtedly be able to contribute path loss formulas.

Just reviewing my RADAR and electonic navigation theory for an exam this Friday. Aren't you lucky? :{D

73 JD
VA7JD@rac.ca VA7OTC on APRS when I'm on.

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162. [htaprs] Re: Distance versus wattage

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 24 Jan 2001 09:20:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131022-2001.01.24-09.34.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:53 AM 1/24/01, Fred Dinkler wrote:

>I am rigging an TH-D7 to a hot-air balloon for APRS tracking purposes.

>Is the wattage versus distance discussion due to line-of-sight limitations,
>or is it simply attenuation of the signal over distance?

Well we were talking Line of Sight, but at longer distances - free space loss can become an issue. The physical horizon is far more of an issue than free space loss, given the receive characteristics of an HT. I have successfuly worked stations 150 miles (plus) distant with an HT and just a few watts (mountaintop ops).

Free space loss calculator:

http://www.comsearch.com/broadband/tools_fsl.jsp

Which is why a Nobel Prize winning physicist (I can't remember which) has referred to SETI as the "Silly Exercise in Total Incompetence" :)

>My balloon will be at 10,000 feet (MSL), and I'm thinking it should be
>hitting
>a wider range of digipeaters than at a lower level.

Not necessarily. At 10,000 feet MSL your sea-level horizon is only 141 miles away.

LOS calculator:

http://www.vwlowen.demon.co.uk/java/horizon.htm

Taking into account the radiation pattern of your antenna and the reception pattern of a digi's antenna may mean that although they are LOS, the polarization and path losses are too great for a packet to be decoded. Remember, packet is not a weak-signal mode.
Look at satellite operations. You may not be able to work a satellite with your omni antenna, but replace it with a 3 or 4 element beam pointed at the satellite and all the sudden it becomes quite easy.

73,

Mark
KC7BXS

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163. [htaprs] RE: Distance versus wattage

From: "Jim Olsen" <jolsen@novonyx.com>
Date: Wed, 24 Jan 2001 10:01:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131031-2001.01.24-11.13.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I currently run a TH-D7A on an ultralight airplane (powered parachute), so I can share a few of my experiences, so far. The setup is basically a garmin gpsIIIplus, tied into a TH-D7A. The TH-D7A is tied into a comtronics intercom system, along with my aircraft radio. The intercom let's me transmit on either radio, with the flip of a switch, and hear both radios at once. It makes a pretty nice setup (since the headphones/mike are built into the helmet). I think I have more aviation electronics on my ultralight than some certified aircraft :-).

First, is that 10,000 MSL (Mean Sea Level) or AGL (Above Ground Level). It makes a big difference in these parts, since the place I take off from around here is at 6700 MSL (Park City, Utah)! Alot of the repeaters themselves are at 10,000 MSL.

I have found that getting above the terrain makes a huge difference, and 5 watts is enough to cover a very large area. I have zero problems hitting the digipeater in my truck (sitting approximately 700-2000 feet lower, and up to several miles away). I also find that once I am about 1200AGL/7900MSL, I have zero problem clearing the mountains (at 10,000 MSL) and getting down into Salt Lake City (at approx. 4700 MSL and 30 miles away). In a situation with very flat terrain, I could expect to extend this

range quite a bit. Salt Lake has some very large mountains around it. So
if you are simply trying to track the balloon in a flat area, I don't
believe you should have a problem.

Any more ?'s, feel free to email me,

Jim Olsen
KC7GGQ
jolsen@novonyx.com
cavers@caversdigest.com
http://www.caversdigest.com/

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164. [htaprs] Re: National Frequency

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 24 Jan 2001 13:47:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131048-2001.01.24-13.01.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> How much wattage do I need in the "middle of no where" U.S. to
beacon on
        > 144.39? Is there really full U.S. coverage? I am trying to
decide
        > between a 50w or 80w HT amplifier.

 As you have heard you have to double your power to see any improvement in
range. Antenna gain and feed line loss are the most overlooked ways to
improve transmit range on VHF/UHF.

Also I fine that receiving APRS while mobile is the hardest part. I can see
the transmitter send out the pack and then see/hear the digi repeat it. but
the radio did not decode it. So you might be seen on the map, but your are
unable to receive packets while you are moving. This could be caused by any
number of things. I would think that mobile noise and mobile flutter are the
main causes.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Skip Allison [SMTP:sallison@megsinet.net]
> Sent: Wednesday, January 24, 2001 12:19 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: National Frequency
>
>
>
>

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165. [htaprs] Re: Distance versus wattage

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 24 Jan 2001 13:59:17 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131049-2001.01.24-13.12.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> At 06:53 24/01/01 -0500, Fred Dinkler wrote:
> >I am rigging an TH-D7 to a hot-air balloon for APRS tracking purposes.
> >Is the wattage versus distance discussion due to line-of-sight limitations,
> >or is it simply attenuation of the signal over distance?

Except for microwaves, there is practically NO attenuation of radio waves
in air or in space. They go forever to infinite distances... (the
ionosphere is a different matter)...

What makes signals get weaker is that the 1 watt you transmitted is being
spread out over the surface area of an ever increasing sphere radiating
outward in all directions. Since the surface area of a sphere is
proportional to the radius squared, this is why radio signals get "weaker"
by 1/r^2.... not because of any "attenuation"...

In your case, if you have line of sight between the balloon and any
receiver, then the power received is only deminished by this "spreading"
factor which is called "space loss". For a typical 2m FM signal with 1
watt transmitter into an OMNI antenna, you should be able to hear it well
out beyond 3000 miles... (again, as long as nothing is in the way, like
the Earth or... TREES)...

de WB4APR, Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

166. [htaprs] More Info (Was Re: National Frequency)

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Wed, 24 Jan 2001 12:44:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131062-2001.01.24-14.00.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

diputs <diputs@erols.com> asked about necessary power level for APRS

I'll chime in with the "moderate power/big antenna crowd". In my own
experience I use the lowest power setting on my mobile as a general rule.
That 10W gets the job done 95% of the time, and I spend a good deal of my
APRS air time in fringe reception areas. Sometimes when 10 doesn't make, it
20 will. When 20 doesn't, neither does 50.

However, the benefits from a really good antenna can't be overstated. It will
help you on TX and RX. The improvement from going from a 1/4 wave ground
plane to a 1/2 wave or 5/8 wave seems to be on the order of 10X. That's more
than the gain alone would predict, but it's also the case that a 1/4 wave's
gain lobes are pointed up, not towards that distant digi on the horizon. Both
1/2 and 5/8 wave antennas have excellent radiation patterns.

Something you'll like about the 1/2 wave is that it is "ground independent"
to an extent. That means you don't need an excellent ground plane on the
vehicle like a 1/4 or 5/8 whip does, an extremely important consideration on
a metal-challenged vehicle like a motorcycle. I suggest that you do a web
search on bicycle-mobile enthusiasts (there is an organization out there with
that focus but the name escapes me at the moment). Then thank your lucky
stars that your bicycle is relatively enormous and contains an infinitely
better 12V power system.

If you wish you can construct a decent ground plane out of wide copper strips
which you can manage to tuck out of sight. 1/4 wave radius or longer is the
way to go, and the minimal case is a 1/2 wave long strip, connected in the
center. It doesn't have to be perfectly flat and straight, I've made superb
ground plane antennas with the counterpoise radials pretzeled into really
funky looking arrangements to save space.

Diamond, Comet and others create well made mobile antennas, including dual
band models that act as 1/2 wave on 2M and stacked elements on 440. I'm very
satisfied with the Diamond NR770HB. I use it for APRS and my voice operations
on a different radio have to make do with my home-made 1/4 whip. If you go
for a black version note that effectively it's invisible 75% of the time.
This might be good or bad for you. A shiny bare metal antenna is highly
visible 90% of the time.

>so was thinking about going with the D7A, and an amplifier. I
>also like the idea of being able to take the HT with me.
...
>Things I've learned. Good stiff mobile antenna. (Anyone want to give
>their favorites?) 80w amp is unnecessary, 50w is ample.
...

>But I do
>not understand what I need (power) to be seen, or how I know if I am
>heard if I don't have access to a computer on the trip.

The D7 will tell you.

>How much RF radiation will be going through my body if I Tx every 5
>minutes with a mobile antenna mounted right behind me. Will I start
>glowing?

Not at all, you'll be brown and crispy instead. Hey, you just correctly
answered a few questions about RF safety to pass your test. How about you
telling those who haven't taken a test since the safety questions were added
in 1997? ;-)

Seriously, you just identified the best reason of all to not even think about
running 80W! Another benefit of a high gain antenna is that in the near field
the radiation is diluted because the antenna aperture is so large. Without
doing the math, 10W is probably OK if you can get the antenna a couple feet
away, 50W is probably not. 50W is certainly too high in the case of innocent
bystanders, like a passenger or the rider next to you in the lane.

Have fun!

Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

167. [htaprs] RE: More Info (Was Re: National Frequency)

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 24 Jan 2001 15:56:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131065-2001.01.24-15.05.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is another reason to use lower power settings. If you assume a modest
3db gain antenna, the estimated minimum distance for Maximum Permissible
Exposure is 1 meter at 50w assuming a 50% duty cycle and a controlled
environment(REF: FCC Part 1 and Office of Engineering and Technology (OET)
Bulletin 65 supplement B pp24).   You can modify this number for higher gain
antennas, but you probably should almost double it because I don't think it
is a controlled environment. To my knowledge, there is no provision for
lower duty cycles.

How close are your passengers to the antenna if it is mounted on a fender of
your vehicle? My antenna is about 1 meter from my postion at the driver's
seat. I run the radio at 10W.

Regards
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Tony Arnerich
Sent: Wednesday, January 24, 2001 2:44 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] More Info (Was Re: National Frequency)

 diputs <diputs@erols.com> asked about necessary power level for APRS

I'll chime in with the "moderate power/big antenna crowd". In my own
experience I use the lowest power setting on my mobile as a general rule.
That 10W gets the job done 95% of the time, and I spend a good deal of my
APRS air time in fringe reception areas. Sometimes when 10 doesn't make, it
20 will. When 20 doesn't, neither does 50.

However, the benefits from a really good antenna can't be overstated. It
will
help you on TX and RX. The improvement from going from a 1/4 wave ground
plane to a 1/2 wave or 5/8 wave seems to be on the order of 10X. That's more
than the gain alone would predict, but it's also the case that a 1/4 wave's
gain lobes are pointed up, not towards that distant digi on the horizon.

Both
1/2 and 5/8 wave antennas have excellent radiation patterns.

Something you'll like about the 1/2 wave is that it is "ground independent"
to an extent. That means you don't need an excellent ground plane on the
vehicle like a 1/4 or 5/8 whip does, an extremely important consideration on
a metal-challenged vehicle like a motorcycle. I suggest that you do a web
search on bicycle-mobile enthusiasts (there is an organization out there
with
that focus but the name escapes me at the moment). Then thank your lucky
stars that your bicycle is relatively enormous and contains an infinitely
better 12V power system.

If you wish you can construct a decent ground plane out of wide copper
strips
which you can manage to tuck out of sight. 1/4 wave radius or longer is the
way to go, and the minimal case is a 1/2 wave long strip, connected in the
center. It doesn't have to be perfectly flat and straight, I've made superb
ground plane antennas with the counterpoise radials pretzeled into really
funky looking arrangements to save space.

Diamond, Comet and others create well made mobile antennas, including dual
band models that act as 1/2 wave on 2M and stacked elements on 440. I'm very
satisfied with the Diamond NR770HB. I use it for APRS and my voice
operations
on a different radio have to make do with my home-made 1/4 whip. If you go
for a black version note that effectively it's invisible 75% of the time.
This might be good or bad for you. A shiny bare metal antenna is highly
visible 90% of the time.

>so was thinking about going with the D7A, and an amplifier. I
>also like the idea of being able to take the HT with me.
...
>Things I've learned. Good stiff mobile antenna. (Anyone want to give
>their favorites?) 80w amp is unnecessary, 50w is ample.
...
>But I do
>not understand what I need (power) to be seen, or how I know if I am
>heard if I don't have access to a computer on the trip.

The D7 will tell you.

>How much RF radiation will be going through my body if I Tx every 5
>minutes with a mobile antenna mounted right behind me. Will I start
>glowing?

Not at all, you'll be brown and crispy instead. Hey, you just correctly
answered a few questions about RF safety to pass your test. How about you
telling those who haven't taken a test since the safety questions were added
in 1997? ;-)

Seriously, you just identified the best reason of all to not even think
about
running 80W! Another benefit of a high gain antenna is that in the near
field
the radiation is diluted because the antenna aperture is so large. Without
doing the math, 10W is probably OK if you can get the antenna a couple feet
away, 50W is probably not. 50W is certainly too high in the case of innocent
bystanders, like a passenger or the rider next to you in the lane.

Have fun!

Tony KD7TA

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---
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168. [htaprs] RE: More Info (Was Re: National Frequency)

From: diputs <diputs@erols.com>
Date: Wed, 24 Jan 2001 17:39:12 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131075-2001.01.24-16.52.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You take the tech test, and there is very little that you need to
remember on MPE. I read "Now your talking" two months ago, so I forgot
all the details already. Plus I read it thinking about being an HT user,
and not realizing that if you add an amplifier and an antenna, there is
a lot more to consider.

Based on the information I have received, I am going to stick with the
5w out of the HT with a 1/2 wave antenna mounted as far back on the
motorcycle as possible. I will run a ground wire to the chassis. The
antenna will probably still be too close, so I won't transmit with a
passenger. I'll focus on hitting satellites instead of digipeaters.
I'll just have to estimate where I am going to be and when, and then
print out the time schedules for those three months.

I'm glad I asked the right questions, before spending the money. This
hobby can get expensive after you buy all the equipment you "need" to
own!!!:)

Richard Carter wrote:
>
> There is another reason to use lower power settings. If you assume a modest
> 3db gain antenna, the estimated minimum distance for Maximum Permissible
> Exposure is 1 meter at 50w assuming a 50% duty cycle and a controlled
> environment(REF: FCC Part 1 and Office of Engineering and Technology (OET)
> Bulletin 65 supplement B pp24).   You can modify this number for higher gain
> antennas, but you probably should almost double it because I don't think it
> is a controlled environment. To my knowledge, there is no provision for
> lower duty cycles.
>
> How close are your passengers to the antenna if it is mounted on a fender of
> your vehicle? My antenna is about 1 meter from my postion at the driver's
> seat. I run the radio at 10W.
>
> Regards
> Rich - KE1EV
>

Tony wrote....
>
> Not at all, you'll be brown and crispy instead. Hey, you just correctly
> answered a few questions about RF safety to pass your test. How about you
> telling those who haven't taken a test since the safety questions were added
> in 1997? ;-)
>
> Seriously, you just identified the best reason of all to not even think
> about
> running 80W! Another benefit of a high gain antenna is that in the near
> field
> the radiation is diluted because the antenna aperture is so large. Without
> doing the math, 10W is probably OK if you can get the antenna a couple feet
> away, 50W is probably not. 50W is certainly too high in the case of innocent
> bystanders, like a passenger or the rider next to you in the lane.
>
> Have fun!
>
> Tony KD7TA
>

--
diputs   (spell it backwards)
--
"Next time I will..." "From now on I will..." --What makes me think I
am wiser today than I will be tomorrow?
Notes to Myself by Hugh Prather
--
Nighthawk and Blackbird

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

169. [htaprs] RE: More Info (Was Re: National Frequency)

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 24 Jan 2001 17:43:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131093-2001.01.24-18.56.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Richard Carter wrote:

> There is another reason to use lower power settings. If you assume a modest
> 3db gain antenna, the estimated minimum distance for Maximum Permissible
> Exposure is 1 meter at 50w assuming a 50% duty cycle and a controlled
> environment(REF: FCC Part 1 and Office of Engineering and Technology (OET)
> Bulletin 65 supplement B pp24).   You can modify this number for higher gain
> antennas, but you probably should almost double it because I don't think it
> is a controlled environment. To my knowledge, there is no provision for
> lower duty cycles.

1) It is a controlled environment. Uncontrolled environment would be the area
where people who haven't agreed to your transmissions would be -- on a
motorcycle that better be at least 3 meters away or you're in real trouble
(with traffic cops, not the FCC)

2) There are provisions for lower duty cycles. This IS on the Technician test,
and is revisited on the General and Extra.

An APRS beacon of 100w ERP for a <1% duty cycle at 1 meter is not above MPE for
controlled or uncontrolled environments.

--
Brian Badger, Worldcom NGSN Signaling Gateway Development   KCØHIR DM78nw

170. [htaprs] Re: More Info (Was Re: National Frequency)

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Wed, 24 Jan 2001 20:06:42 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131105-2001.01.24-22.20.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I
> suggest that you do a web
> search on bicycle-mobile enthusiasts (there is an
> organization out there with
> that focus but the name escapes me at the moment).

Bicycle Mobile Hams of America (and elsewhere!) is at
http://lafetra.com/bmha/Info/Info-BicycleMobile.htm.

Both Larsen and Shoestring Antennas sell 1/2 waves for
bikes. BTW I will be bike mobile with APRS every
weekend starting April and every day in July. I use a
D7, Larsen, PocketAPRS and an eTrex. Findme.

_____
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171. [htaprs] Re: Distance versus wattage

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Wed, 24 Jan 2001 20:08:30 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131107-2001.01.24-22.21.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- Bob Bruninga <bruninga@usna.edu> wrote:
> > At 06:53 24/01/01 -0500, Fred Dinkler wrote:
> > >I am rigging an TH-D7 to a hot-air balloon for

> APRS tracking purposes.
> > >Is the wattage versus distance discussion due to
> line-of-sight limitations,
> > >or is it simply attenuation of the signal over
> distance?
>
> Except for microwaves, there is practically NO
> attenuation of radio waves
> in air or in space. They go forever to infinite
> distances... (the
> ionosphere is a different matter)...

Thanks for the clarification. I was starting to think
that my 6m QRP DX was imaginary!

_____
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172. [htaprs] Re: More Info (Was Re: National Frequency)

From: Skip Allison <sallison@megsinet.net>
Date: Wed, 24 Jan 2001 22:17:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131111-2001.01.24-22.32.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony Arnerich wrote:

.
(snip)
.
> That 10W gets the job done 95% of the time, and I spend a good deal of my
> APRS air time in fringe reception areas. Sometimes when 10 doesn't make, it
> 20 will. When 20 doesn't, neither does 50.

That doesn't make any sense. 10 to 20 watts is a 3 dB improvement. 20
to 50
watts is a 4 dB improvement. Are you saying 3 dB makes a difference,
but 4 dB
doesn't?

> However, the benefits from a really good antenna can't be overstated. It will
> help you on TX and RX. The improvement from going from a 1/4 wave ground
> plane to a 1/2 wave or 5/8 wave seems to be on the order of 10X. That's more
> than the gain alone would predict, but it's also the case that a 1/4 wave's
> gain lobes are pointed up, not towards that distant digi on the horizon. Both
> 1/2 and 5/8 wave antennas have excellent radiation patterns.

The gain of most antennas is measured toward the horizon. A 5/8 wave
antenna
will have 3 dB gain over a 1/4 wave antenna at the horizon. That
equates to
a 2X improvement in power - not 10.

Using a 5/8 wave antenna will make about as much improvement as doubling
the
power. But the advantage of the gain antenna is that it gives you the
same
gain on receive too.

Skip
K9SA

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173. [htaprs] Re: Distance versus wattage

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Wed, 24 Jan 2001 23:07:25 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131114-2001.01.24-23.21.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:08 PM 1/24/01, Barry Bogart wrote:

>Thanks for the clarification. I was starting to think
>that my 6m QRP DX was imaginary!
>

2 meters and up is a lot different than 6 meters. Would you compare 40 meters to 70 cm? Nope. Different frequencies propagate at different rates. Sometimes I wonder if the testing for amateur radio needs to be stepped up. And of course certain atmospheric and natural conditions are from time-to-time going to allow radio waves to travel farther than expected. But for all intents and purposes - the general expectation for LOS 2-meter FM is 60 miles or less.

73,

Mark
KC7BXS

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174. [htaprs] Re: More Info (Was Re: National Frequency) 1/2 wave ant/BMHA

From: JD Erskine VA7JD <jd@rescueteam.com>
Date: Wed, 24 Jan 2001 19:48:08 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131116-2001.01.24-23.24.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:44 24/01/01 -0700, Tony Arnerich wrote:
snip
>Something you'll like about the 1/2 wave is that it is "ground independent"
>to an extent. That means you don't need an excellent ground plane on the
>vehicle like a 1/4 or 5/8 whip does, an extremely important consideration on
>a metal-challenged vehicle like a motorcycle. I suggest that you do a web
>search on bicycle-mobile enthusiasts (there is an organization out there
with
>that focus but the name escapes me at the moment). Then thank your lucky
>stars that your bicycle is relatively enormous and contains an infinitely
>better 12V power system.

I met a bunch of the folks from BMHA at Dayton in 92 es 93. Some were rolling their own 1/2 wave antennas for 2m. http://lafetra.com/bmha/

>Diamond, Comet and others create well made mobile antennas, including dual
>band models that act as 1/2 wave on 2M and stacked elements on 440. I'm very
>satisfied with the Diamond NR770HB.
snip
>Have fun!
>
>Tony KD7TA

Larsen had a dual band version called a 2/70 which was a 1/2 wave on 2m. I used this quite successfully for voice and mobile digital over the years. They also make one designed for field use that may be rolled up to store. It has an SO-239 base and flexible vertical radial, coil number is something-150 and the "vertical" radial may be easily replaced with one of their whips. We were looking at this for my former partner's bicycle installation. Many marine VHF mast-top antennas are 1/2 wave and if the coil will allow replacing the whip with a longer one may suffice.

Have fun and remember, Aviate, Navigate, Communicate. To trite? Ok, keep your stick on the ice.
73 JD VA7JD@rac.ca VA7OTC

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175. [htaprs] Re: More Info (Was Re: National Frequency) 1/2 wave ant/BMHA

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 25 Jan 2001 00:42:27 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131139-2001.01.25-00.56.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>We were looking at this for my former partner's bicycle
>installation. Many marine VHF mast-top antennas are 1/2 wave and if the
>coil will allow replacing the whip with a longer one may suffice.

I use a rollup J-Pole that works great on my bike. A $5.00 bike flag is a
great mast to tape the antenna to.

        see http://www.c2-tech.com/~gregg/kd5kgr/aprs/#jpole

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

176. [htaprs] Re: More Info 1/2 wave ant/BMHA

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Wed, 24 Jan 2001 22:53:50 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131141-2001.01.25-01.07.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com> wrote:

> I use a rollup J-Pole that works great on my bike. A $5.00 bike flag
> is a great mast to tape the antenna to.
>   see http://www.c2-tech.com/~gregg/kd5kgr/aprs/#jpole

AMEN! That puts a 1/2 wave antenna, which needs no ground plane, at
a reasonable height above the bike. Worked great for me for nearly
 a thousand miles through the Montanan and Canadian Rockies, and
 many more miles "getting ready".   If only APRS and the VE6/VE7
network had been in place back in 1992...

One difference is I used a coaxial J-pole. Put a small shorted
matching stub at the right place and it's an instant J-pole. I use
old coax lan cable. It even has the BNC connector pre-installed. One
of these days I'll find the magazine article (on portable packet) that
described the details of the antenna so I can better share it.

73,
Bill - WA7NWP

_____
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

177. [htaprs] Re: More Info 1/2 wave ant/BMHA

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 25 Jan 2001 09:21:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-131163-2001.01.25-09.34.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>AMEN! That puts a 1/2 wave antenna, which needs no ground plane, at
>a reasonable height above the bike. Worked great for me for nearly
> a thousand miles through the Montanan and Canadian Rockies, and
> many more miles "getting ready".   If only APRS and the VE6/VE7
>network had been in place back in 1992...

I used mine in the Tulsa MS-150 bike ride last fall, and it worked great. I

got into voice repeaters 30-40 miles away with my 5 watt HT (THD7-A) and I ran
APRS on the other band and it worked another 10 miles or so after I lost the
one repeater that I was listening to.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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178. [htaprs] Re: Distance versus wattage

From: "T&L Stuart" <polrbear@gci.net>
Date: Thu, 25 Jan 2001 08:34:20 -0900
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131185-2001.01.25-12.06.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What it sounds like you need is a 1/2 wave dipole attached to the top of the
balloon, or a 1/4 wave ground plane hung below the balloon. I would think
that hanging it below or above will present some challenges, but then you
can get it 50' to 100' away from you and run 80watts with impunity. I might
be wrong about this, but it seems that everyone else is thinking of a
balloon as an unusual type of vehicle whereas I saw it as an unusual type of
antenna tower.

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179. [htaprs] TH-D7A PC-Cable

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Thu, 25 Jan 2001 10:08:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131202-2001.01.25-12.21.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last night I made a PC Cable for my TH-D7A.

Getting a lot of Computer Noise. :-(even changed the beat frequency with
no luck.

Does the Kenwood supplied cable have any better performance?   any
suggestions?

The radio is almost not usable while connected to the P.C. It maybe the USB
to Serial adapter I am using creating the extra noise. (No Serial ports on
my Sony Picture Book)

Thanks for any suggestions.....

Patrick
KC6TVB

begin 600 Chess.gif
M1TE&.#EA0`9E`/<``/____[^_OW]_?S_/O[^_KZ^OGY^?CX^/?W]_;V]O7U
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MYN7EY>/CX^+BXN'AX>#@X-_?W][>WMW=W=S<W-O;V]K:VMG9V=C8V-?7U];6
MUM75U=34U-/3T]+2TM'1T=#0T,_/S\[.SLW-S<S,S,O+R\K*RLG)R<C(R,?'
MQ\;&QL7%Q<3$Q,/#P\+"PL'!P<#`P+^_O[Z^OKV]O;R\O+N[N[JZNKFYN;BX
MN+>WM[:VMK6UM;2TM+.SL[*RLK&QL;"PL*^OKZZNKJVMK:RLK*NKJZJJJJFI
MJ:BHJ*>GIZ:FIJ6EI:2DI*.CHZ*BHJ&AH:"@H)^?GYZ>GIV=G9R<G)N;FYJ:
MFIF9F9B8F)>7EY:6EI65E924E).3DY*2DI&1D9"0D(^/CXZ.CHV-C8R,C(N+
MBXJ*BHF)B8B(B(>'AX:&AH6%A82$A(.#@X*"@H&!@8"`@']_?WY^?@``````
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```

180. [htaprs] Re: More Info (Was Re: National Frequency)

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 25 Jan 2001 11:44:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131206-2001.01.25-13.00.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Skip Allison <sallison@megsinet.net> replied,

>Tony Arnerich wrote:
>> That 10W gets the job done 95% of the time, and I spend a good deal of my
>> APRS air time in fringe reception areas. Sometimes when 10 doesn't make,
it
>> 20 will. When 20 doesn't, neither does 50.
>
>That doesn't make any sense. 10 to 20 watts is a 3 dB improvement. 20
>to 50
>watts is a 4 dB improvement. Are you saying 3 dB makes a difference,
>but 4 dB
>doesn't?

No, but I should give you all the available detail of what I've experienced.
Around here you can get digipeated and decode the repeat 100 or more miles
away if you have line of sight. I think 125 miles is my personal record. 50
mile links are common, and 25 mile links are just about a minimum
expectation. It's remarkable how well a digi that's 1000 to 3000 feet above
the intervening terrain can perform, the Front Range guys have done a great
job.

There are many fringe areas where I just barely drop out because of
topography, buildings or vegetation; that's where the 20W helps sometimes.
There are also some total black holes such as hollows in the landscape. Those
hollows are where 20W and 50W both fail. What I'm talking about is the
difference between 20 dB too little and 16 dB too little. Effectively they
are both 0% success. The change from Good to Bad is often gradual here. The
change from Bad to Impossible is often very sudden, so realistically 50W
would increase my coverage area by only a few percent at most.

>> The improvement from going from a 1/4 wave ground
>> plane to a 1/2 wave or 5/8 wave seems to be on the order of 10X.
>The gain of most antennas is measured toward the horizon. A 5/8 wave
>antenna will have 3 dB gain over a 1/4 wave antenna at the horizon. That
>equates to a 2X improvement in power - not 10.

We're thinking of two different metrics. You are thinking of field strength,
I'm thinking of digipeat success in terms of 100% 2-way copy. Because packets
can get lost going either direction the effect of the link quality is
compounded. And remember that a gain antenna's center of radiation is at a
higher elevation than a 1/4 wave's, as installed on the same vehicle. If it's
true that the three most important properties of an antenna are "Elevation,
elevation, and elevation", then every foot can help when you're down near
road level.

To relate elevation to the case of a motorcycle installation, that's the
difference between being at or above rider level vs. below rider level. The
local horizon as seen by the antenna is extremely high.

You're correct, my "10X" figure was not at all mathematically rigorous. I
stand guilty. But the effect is very large.

In my case the improvement of using a gain antenna on my Expedition is the
difference between rare digipeats that I can't decode, vs. solid 2-way copy
throughout the length of a canyon 40 miles away from the digipeater. Locally
you might call that an infinite improvement using my metric.

>Using a 5/8 wave antenna will make about as much improvement as doubling
>the
>power. But the advantage of the gain antenna is that it gives you the
>same
>gain on receive too.

Perfect agreement there! "You can't work 'em if you can't hear 'em."

73,
Tony KD7TA

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181. [htaprs] [Fwd: hams, balloons, and APRS]

From: Robert Hull <rhull@NMSU.Edu>
Date: Wed, 24 Jan 2001 02:00:24 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131210-2001.01.25-13.50.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last year, at the Albuquerque International Balloon Fiesta America's
Challenge gas balloon race, APRS tracking was provided for chase crews
and the public (with web access).
Here is the URL for information on those systems. This was a very cool
and obvious application for the technology.

http://www.explorium.org/exhibits/Tech_Corner/Americas%20Challenge.htm

Robert Hull
KD5KKM

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182. [htaprs] TH-D7A(G) & PC Cable

From: "Patrick Beard" <patrick@vikingcomponents.com>
Date: Thu, 25 Jan 2001 14:5:54
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131211-2001.01.25-14.19.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last night I made a PC Cable for my TH-D7A.

Getting a lot of Computer Noise. :-(even changed the beat frequency with
no luck.

Does the Kenwood supplied cable have any better performance?   any
suggestions?

The radio is almost not usable while connected to the P.C. It maybe the
USB to Serial adapter I am using creating the extra noise. (No Serial
ports on my Sony Picture Book)

Thanks for any suggestions.....

Patrick
KC6TVB

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183. [htaprs] Re: More Info (Was Re: National Frequency)

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 25 Jan 2001 14:09:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131212-2001.01.25-14.23.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:44 PM 1/25/01, Tony Arnerich wrote:

>No, but I should give you all the available detail of what I've experienced.
>Around here you can get digipeated and decode the repeat 100 or more miles
>away if you have line of sight. I think 125 miles is my personal record. 50
>mile links are common, and 25 mile links are just about a minimum
>expectation. It's remarkable how well a digi that's 1000 to 3000 feet above
>the intervening terrain can perform, the Front Range guys have done a great
>job.

They're doing a great job. Right now findu is showng you outside of Bayan
Gol, China.   That's quite a digipeat.   :)

73,

Mark
KC7BXS

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184. [htaprs] RE: More Info (Was Re: National Frequency)

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 25 Jan 2001 13:56:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131215-2001.01.25-15.12.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I said,

>the Front Range guys have done a great job.

Mark replied,

>They're doing a great job. Right now findu is showng you outside of Bayan
>Gol, China.   That's quite a digipeat.   :)

Well, the digis show me in Laramie anyway. IGate dyslexia has been a rich
discussion topic on this SIG for a few months now.

73,
Tony KD7TA

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185. [htaprs] RE: More Info (Was Re: National Frequency)

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 25 Jan 2001 15:15:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131220-2001.01.25-15.29.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:56 PM 1/25/01, Tony Arnerich wrote:

>Well, the digis show me in Laramie anyway. IGate dyslexia has been a rich
>discussion topic on this SIG for a few months now.

Looks like someone isn't running the most current version of WinAPRS.

Mark

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186. [htaprs] Re: More Info 1/2 wave ant/BMHA

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Thu, 25 Jan 2001 13:53:27 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131222-2001.01.25-16.06.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is a plan for a 'bike J-pole' on the Bike Mobile
Hams site.

--- Bill Vodall <wa7nwp@yahoo.com> wrote:

_____
Do You Yahoo!?
Yahoo! Auctions - Buy the things you want at great prices.
http://auctions.yahoo.com/

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187. [htaprs] Re: More Info (Was Re: National Frequency) 1/2 wave ant/BMHA

From: "Richard Amirault" <ramirault@erols.com>
Date: Thu, 25 Jan 2001 17:13:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131228-2001.01.25-16.26.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used the Larson 2/70 for bicycle mobile (voice) for *years* with good
results.

Richard Amirault   N1JDU   Boston,

MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "JD Erskine VA7JD" <jd@rescueteam.com>
Subject: [htaprs] Re: More Info (Was Re: National Frequency) 1/2 wave
ant/BMHA

> Larsen had a dual band version called a 2/70 which was a 1/2 wave on 2m. I
> used this quite successfully for voice and mobile digital over the years.

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188. [htaprs] Posted - APRS+SA v1.99YJ

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Thu, 25 Jan 2001 22:25:36 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131278-2001.01.26-00.39.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Posted - APRS+SA v1.99YJ. Fixed - parsing error in "@" where Altitude was ignored. Added support for AEA DSP-2232. DSP-2232 style input is auto-detected, and converted to APRS+SA compatible input.

The update is available on the APRS+SA FTP site at TAPR, or via the APRS+SA web page, download section. The file is APRSPLUS199YJ.zip. If you are running v1.99YH, you download the file UPDATE199YJ.zip. Unzip this file to your APRS+SA directory, and rerun SETUP.EXE.

Brent Hildebrand, KH2Z

APRS+SA
http://www.tapr.org/~kh2z/aprsplus
ftp://ftp.tapr.org/aprssig/winstuff/aprsplus

[]

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189. [htaprs] Change of Primary Email Address

From: "Murry M. Kachel" <mkachel@delrio.com>
Date: Sat, 27 Jan 2001 02:15:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131430-2001.01.27-02.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

my NEW email address IMMEDIATELY is:
mkachel@peoplepc.com

Please update your records..

Murry
N5PJR / AFA4MK

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190. [htaprs] UK batteries

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Sat, 27 Jan 2001 19:02:05
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131487-2001.01.27-13.16.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A question for the group-

I'll be visiting England and Wales in the spring and plan to take my D-7 so

I can keep up with SO-35. I don't want to mess with charger adapters so I plan to use the AA battery pack for the radio. Are AA alkaline batteries available in the UK??? I never thought about this until my travel partner asked me if I could get batteries for the "radio thingy" (don't ya love em?).

Thanks for the help!

73's
Jim Morrison
KM5BS
Hobbs, NM

_____
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191. [htaprs] re: UK Batteries

From: "Charlie Kunz" <ckunz@usa.net>
Date: Sun, 28 Jan 2001 05:51:12 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131581-2001.01.28-08.11.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They are widely available.

A related question... Has anyone used the MAHA rechargeable AAs in the BT-11 battery case for the TH-D7A? The manual says to only use alkalines, but I've used them successfully in my Icom battery case. The little MAHA charger comes with an automobile power cable. I used the batteries and charger with my digital camera when I went to England last May and it worked great. I'd like to see a BT-? that held 6 batteries for the full 9 volts...

73 Charlie AA5QJ Las Vegas NV

192. [htaprs] re: UK Batteries

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 28 Jan 2001 10:19:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131606-2001.01.28-12.29.58--lyris.htaprs#tapr.org@lists.tapr.org>
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The reason they recommend alkaline batteries is voltage level. The alkalines each are about 1.5 V times 4 for 6.0 V total. The rechargeables are nominally 1.25 V each for a total of 5.0 V. The radio will shut down somewhere above 4 volts. That does not leave you much operating use on rechargeables.

Alternatives are to get the Ray-O-Vac's RENEWAL rechargeable alkaline batteries. These are rated at 1.5 V each which will give the 6 V. Of course even at 6 V you will only be transmitting at around 2 watts instead of the 5 watts at 9.6 V.

Other alternatives are to get a AA battery holder that will hold 6 batteries and solder a cord and connector on so that you can plug in external power to the radio. The better way is to get a 12 V Gel Cell and hook it up as an external power source. Old laptop batteries can also be utilized for this function. You can rig up chargers that work from a 12 V car power system, but that may require the car to be running and keeping the cars battery charging system at 13.8 V.

I have purchased a 12 V to 115 V power inverter (140 Watts will do). This allows me to get 115 V AC from my car battery during my hunting trips even with the car not running. That 115 V AC will allow me to use all the standard battery chargers that come with the devices. That is also how I run my laptop which requires 19 V DC, while mobile. Works great, is cheap and makes me totally independent from the grid while on the road.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

 > A related question... Has anyone used the MAHA rechargeable AAs in the BT-11 battery case for the TH-D7A? The manual says to only use alkalines, but I've used them successfully in my Icom battery case. The little MAHA

charger comes with an automobile power cable. I used the batteries and
charger with my digital camera when I went to England last May and it worked
great. I'd like to see a BT-? that held 6 batteries for the full 9 volts...
  73 Charlie AA5QJ Las Vegas NV

193. [htaprs] Re: More Info 1/2 wave ant/BMHA

From: "Alton" <n5psp@n5psp.org>
Date: Sun, 28 Jan 2001 19:57:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131646-2001.01.28-20.14.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have recently become a copper pipe J-pole type person for APRS
and other packet, precisely because it mathematically behaves
much like a half wave antenna in the upper portion of the long
element.

We will be backpacking at least a couple of these, a notebook
computer, several 7 ampere hour gel cell batteries, mobile rigs,
solar panels, and of course at least 2 trackers and a WX station up
to Guadalupe Peak on a weekend determined by the weather.

Check the newsletter at
http://www.w5qgg.org for details.

On 25 Jan 01, at 9:21, Gregg G. Wonderly wrote:
> >AMEN! That puts a 1/2 wave antenna, which needs no ground plane, at
> >a reasonable height above the bike. Worked great for me for nearly
> > a thousand miles through the Montanan and Canadian Rockies, and
> > many more miles "getting ready".   If only APRS and the VE6/VE7
> >network had been in place back in 1992...
>
> I used mine in the Tulsa MS-150 bike ride last fall, and it worked great. I
> got into voice repeaters 30-40 miles away with my 5 watt HT (THD7-A) and I ran
> APRS on the other band and it worked another 10 miles or so after I lost the
> one repeater that I was listening to.

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194. [htaprs] Re: Distance versus wattage

From: "Alton" <n5psp@n5psp.org>
Date: Sun, 28 Jan 2001 20:16:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131647-2001.01.28-20.32.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dittos on unusual type of tower. I have had excellent results on a
Cessna 140 by mounting a 1/4 wave antenna on the BOTTOM of
the fuselage, several feet aft of the aviation band nav and com
antennas to reduce desense.

Thinking of the geometry in 3-D you would want the lobes aimed
sort of downward if the balloon is headed for really high (over
60,000 feet) altitude for the benefit of the chase / payload recovery
team.

>From a mechanical standpoint, since a balloon envelope is rather
flimsy and offers nothing to really mount something to, it's best to
just let the antenna hang below the payload, since there will be no
real horizontal airflow.

Thus an antenna on a balloon can be quite fragile compared to
what would be required on a powered aircraft.

If the goal is for maximum range, then something like a twin-lead J-
pole just dangling by its feedline below the payload ought to work
very well.

For something like a manned hot-air balloon, just build a copper
tube J-pole, use a low-loss coax such as Cushcraft UltraLink, and
once airborne just reel out the cable over the side, antenna pointed
straight "down", maybe a full hundred feet or more.

The weight of the copper tube antenna would guarantee the pattern
would be nice and horizontal, and then you could run a kilowatt

without cooking yourself if so desired.

Just remember of course to reel the thing up during the landing
checklist so you don't drag it across power lines or such.

Remember that once you get a few wavelengths above the earth, to
an antenna there is no real "up" or "down", but just the radiation
pattern in relation to the driven and ground elements.

On 25 Jan 01, at 8:34, T&L Stuart wrote:
> What it sounds like you need is a 1/2 wave dipole attached to the top of the
> balloon, or a 1/4 wave ground plane hung below the balloon. I would think
> that hanging it below or above will present some challenges, but then you
> can get it 50' to 100' away from you and run 80watts with impunity. I might
> be wrong about this, but it seems that everyone else is thinking of a
> balloon as an unusual type of vehicle whereas I saw it as an unusual type of
> antenna tower.

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195. [htaprs] APRS now in an Internet weather program.

From: "Chris Arndt" <chris@tbo.net>
Date: Sun, 28 Jan 2001 22:53:33 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131692-2001.01.29-01.07.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you interested in APRS weather, VWS (Virtual Weather Station)
is now apparently able to gate it's weather data to the net APRS servers.
The latest version (6.13) was released today at www.ambientsw.com. I don't
have any info yet on how or how well it works. I use VWS for my Internet wx
pages, and WinAPRS for the APRS wx feed, both off the same Davis
weatherstation.

VWS is mainly used to generate spiffy web pages containing live weather
data, and it works with most brands of weather stations.

If you are a VWS user, the APRS feature is under the Servers pull-down
menu.

It's interesting that a non-amateur application has bypassed the radio
portion of APRS and can put the data right on the net.

I suppose the question will come up on the VWS list. What's the legality of
a non-amateur using a program that feeds data to the APRS servers? I don't
know enough about how they work to know if it's possible for that data to
be gated back onto RF.

(And this could be a way to entice non-amateurs into the hobby.)

73,

Chris

San Luis Obispo CA Weather Conditions and Cams www.tbo.net/weather.htm
APRS weather station KD6DSI
WB6HJW Repeater Info www.tbo.net/wb6hjw.htm

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

196. [htaprs] Re: APRS now in an Internet weather program.

From: Roger Barker <roger@peaksys.co.uk>
Date: Mon, 29 Jan 2001 10:13:21 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-131697-2001.01.29-04.30.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-131692-2001.01.29-01.07.39--roger#peaksys.co.uk@lis
ts.tapr.org>, Chris Arndt <chris@tbo.net> writes
>For those of you interested in APRS weather, VWS (Virtual Weather Station)
>is now apparently able to gate it's weather data to the net APRS servers.
Etc...

I could be wrong, but I think all that option does is output a file
every minute called WXREPORT.TXT for UI-View to pick up and use.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

197. [htaprs] re: UK Batteries

From: GeorgegeeG@aol.com
Date: Mon, 29 Jan 2001 05:52:46 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131701-2001.01.29-05.06.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was waiting for someone from the UK to reply... but since I didn't see
it... Yes AA batteries are readily available over there
73's de George WB2GTC

198. [htaprs] Kenwood TH-D7A

From: "Steve J Grudzinski" <sgrudzinski@lycos.com>
Date: Mon, 29 Jan 2001 07:20:50 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131728-2001.01.29-09.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I wish I had paid more attention to the information going across the reflector about this radio, but since I didn't own one until now, well there was no need to. I will be using this radio with a Garmin III+. Does anyone have any comments? As not to flood the reflector again with this radio topic, please send emails to AD6HT@arrl.net.

73 & Thanks
Steve
AD6HT

Get your small business started at Lycos Small Business at http://www.lycos.com/business/mail.html

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

199. [htaprs] Jpole and balloons

From: "Mark Conner" <mconner1@home.com>
Date: Mon, 29 Jan 2001 16:29:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131800-2001.01.29-16.43.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've used a ladder-line (450-ohm) J-pole for transmitting APRS data from unmanned balloon payloads in just this fashion with good results. There is a null in the pattern straight below the payload with this configuration, but is not usually deep enough due to bends in the antenna to cause anything but occasional dropouts.

I have the antenna hang about 4 ft below the payload to help minimize RF getting back into the electronics (TX power about 500mW).

For 70cm work, a simple 12" rubber duck on a window clip on the top edge of the payload (oriented vertically) also gave good results for our simplex repeater experiment. One contact was made from Wichita KS to the Omaha area with 200mW TX on the balloon and 5W at the Wichita end (about 250 miles).

73 de Mark N9XTN

Mark D. Conner
E-mail: mconner@null.net n9xtn@arrl.net
Homepage: http://members.home.net/mconner1
"Arrogance and stupidity, all in the same package.....how efficient
  of you!"   - Ambassador Londo Mollari, Babylon 5

> Subject: re: UK Batteries
> From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
> Date: Sun, 28 Jan 2001 10:19:05 -0800
> X-Message-Number: 2
>
> If the goal is for maximum range, then something like a twin-lead J-
> pole just dangling by its feedline below the payload ought to work
> very well.
>

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200. [htaprs] D7-G Icons

From: Skip Allison <sallison@megsinet.net>
Date: Tue, 30 Jan 2001 00:31:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131879-2001.01.30-00.46.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know if Kenwood fixed the bug with the D7 sending the wrong
icons in the "G" software? (Motorcycle icon instead of bike)

Skip
K9SA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

201. [htaprs] Re: AA Batteries in the UK

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Tue, 30 Jan 2001 14:07:41 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131913-2001.01.30-07.20.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi,

On 30 Jan 2001, at 0:00, TAPR Hot Technology APRS digest wrote:

> I was waiting for someone from the UK to reply... but since I
> didn't see it... Yes AA batteries are readily available over there
> 73's de George WB2GTC

I was waiting someone ask if you believe UK is behind the moon...
<G>

73!
Werner
OE9FWV

   Never raise your hand to your children -- it leaves your mid-section
   unprotected.
  - Robert Orben.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

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202. [htaprs] Re: AA Batteries in the UK

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Tue, 30 Jan 2001 08:54:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'htaprs@tapr.org'" <htaprs@tapr.org>
Message-ID: <LYR845-131921-2001.01.30-08.06.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've even heard that we have electricity in the UK!

Mark, G7LTT

-----Original Message-----
From: Dr. Werner Furlan [mailto:furlan@gmx.net]
Sent: Tuesday, January 30, 2001 8:08 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: AA Batteries in the UK

hi,

On 30 Jan 2001, at 0:00, TAPR Hot Technology APRS digest wrote:

> I was waiting for someone from the UK to reply... but since I
> didn't see it... Yes AA batteries are readily available over there
> 73's de George WB2GTC

I was waiting someone ask if you believe UK is behind the moon...
<G>

73!
Werner
OE9FWV

Never raise your hand to your children -- it leaves your mid-section
unprotected.
- Robert Orben.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

You are currently subscribed to htaprs as: mark.phillips@royalblue.com
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203. [htaprs] Re: AA Batteries in the UK

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Tue, 30 Jan 2001 09:26:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-131929-2001.01.30-08.38.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We have double the amount of electric in the UK than you do there. We don't
have to share it amonst so many people.

At least you can't get electrocuted with a UK plug. On my first trip to New

York (I live there now) I got blown across the room when I plugged in the
microwave.

I've also noticed that our electricity is much 'harder' than your's. Ours is
so 'hard' in fact that it stays on during a storm!!!

Mark G7LTT

-----Original Message-----
From: Hufford, Kent [mailto:Kent.Hufford@dyncorp.com]
Sent: Tuesday, January 30, 2001 9:09 AM
To: 'Mark Phillips'
Subject: RE: [htaprs] Re: AA Batteries in the UK

Does not the electricity run in the wrong direction out of the "mains".

The plugs are all wrong too<g>..

Kent
KQ4KK

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Mark Phillips
Sent: Tuesday, January 30, 2001 8:55 AM
To: TAPR Hot Technology APRS
Cc: 'htaprs@tapr.org'
Subject: [htaprs] Re: AA Batteries in the UK

I've even heard that we have electricity in the UK!

Mark, G7LTT

-----Original Message-----
From: Dr. Werner Furlan [mailto:furlan@gmx.net]
Sent: Tuesday, January 30, 2001 8:08 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: AA Batteries in the UK

hi,

On 30 Jan 2001, at 0:00, TAPR Hot Technology APRS digest wrote:

> I was waiting for someone from the UK to reply... but since I
> didn't see it... Yes AA batteries are readily available over there
> 73's de George WB2GTC

I was waiting someone ask if you believe UK is behind the moon...
<G>

73!
Werner
OE9FWV

   Never raise your hand to your children -- it leaves your mid-section
   unprotected.
  - Robert Orben.

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

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204. [htaprs] Newbie questions on APRS/TM-D700

From: barrettthompson@mindspring.com
Date: Wed, 31 Jan 2001 11:08:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132130-2001.01.31-10.23.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm configuring a TM-D700 for APRS (among other uses!). A few questions for the group:

1. Is there good software available for programming the D700 from a PC connected via the DB-9 port?
I've downloaded such a program from Kenwoods own site but haven't tried it yet-- feedback welcome.

2. There are 7 custom 'Position Comments' on the D700 (Custom 0 - Custom 6). How can I modify these?

3. What is the polite way to use "WideN-N" packet paths? I saw some Wide3-3 paths from other stations
in my area so I tried it (it works) but I see that my packets are echoed again from several Wide digis
in close proximity to one another here in Atlanta, thus creating an over-abundance of packets. Is this
somehow "bad form", i.e., am I creating clutter? If so, how can I avoid it while still getting a packet
 beyond the boundary of generic "Relay,Wide" path?

Thanks all,

Barrett Thompson / KE4R
KE4R@arrl.net
Fayetteville, GA

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205. [htaprs] RE: AA Batteries in the UK

From: Mark Phillips <Mark.Phillips@royalblue.com>
Date: Wed, 31 Jan 2001 17:23:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132172-2001.01.31-16.34.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One could be forgiven for thinking that the UK was some degenerate backwater
based on the questions being asked here.

We have electricity. Colour TV. Running water and even cigarette lighters
in our cars. We even have a 100% digital mobile phone network. Digital
radio,
digital TV and a 30 year old nationwide 7Mbit free data service. We have
more computers per house hold than any other country in the world. Our
teenagers originate more than 50% of the worlds phone text messages.

Now who's a backwater?

Mark G7LTT

-----Original Message-----
From: Robert Winingham [mailto:kc5ejk@onramp.net]
Sent: Wednesday, January 31, 2001 3:54 PM
To: Mark Phillips
Subject: [htaprs] Re: AA Batteries in the UK

How common are the 12 Volt cigarette lighters power sockets in the UK cars.

I use the so called car AUTO adapters when I travel in the US for my
Computer powerbook, Palm III and my D7a.

73
--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

****
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206. [htaprs] RE: AA Batteries in the UK

From: Roger Barker <roger@peaksys.co.uk>
Date: Wed, 31 Jan 2001 22:36:01 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132176-2001.01.31-17.47.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-132172-2001.01.31-16.34.47--roger#peaksys.co.uk@lis
ts.tapr.org>, Mark Phillips <Mark.Phillips@royalblue.com> writes
>
>One could be forgiven for thinking that the UK was some degenerate backwater
>based on the questions being asked here.
>
>We have electricity. Colour TV. Running water and even cigarette lighters
>in our cars.

Bragging again! You'll soon be trying to make them believe that we have
Kenwood APRS radios...
;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk

For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

207. [htaprs] RE: AA Batteries in the UK

From: "Jim Morrison" <km5bs@hotmail.com>
Date: Thu, 01 Feb 2001 00:22:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-132178-2001.01.31-18.36.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sir,

I'm sorry if my original question about the availability of 1.5 volt AA alkaline batteries in the UK offended you. The question was asked, quite simply, because I did not know the answer. The power mains are different than ours, the TV system is different, etc. We need to use adapters when using much of our electrical equipment while visiting your country.

I was not implying that your country was backward in any manner. My question was to determine if there were differences that would prevent me from using UK batteries in my US gear while visiting the UK.

A lifetime of experience has taught me that good preparation is the key to a successful adventure. My question about the batteries was just that type of preparation.

I am happy to report that a signifcant number of UK hams were not offended and graciously took the time to responded off-list to my question. They provided info on batteries, alternative power sources, frequencies, sights to see and in one instance even offered to loan me a 220 volt charger for my D7. I hope to have a chance to meet or at least work some of these folks while in the UK! I also hope to return the favor in-kind to any visiting hams with questions about the US!

Sincerely,
Jim Morrison
KM5BS

>From: Mark Phillips <Mark.Phillips@royalblue.com>
>To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>Subject: [htaprs] RE: AA Batteries in the UK
>Date: Wed, 31 Jan 2001 17:23:06 -0500
>
>
>One could be forgiven for thinking that the UK was some degenerate
>backwater
>based on the questions being asked here.
>
>We have electricity. Colour TV. Running water and even cigarette lighters
>in our cars. We even have a 100% digital mobile phone network. Digital
>radio,
>digital TV and a 30 year old nationwide 7Mbit free data service. We have
>more computers per house hold than any other country in the world. Our
>teenagers originate more than 50% of the worlds phone text messages.
>
>Now who's a backwater?
>
>Mark G7LTT
>
>-----Original Message-----
>From: Robert Winingham [mailto:kc5ejk@onramp.net]
>Sent: Wednesday, January 31, 2001 3:54 PM
>To: Mark Phillips
>Subject: [htaprs] Re: AA Batteries in the UK
>
>
>How common are the 12 Volt cigarette lighters power sockets in the UK cars.
>
>I use the so called car AUTO adapters when I travel in the US for my
>Computer powerbook, Palm III and my D7a.
>
>73
>--

>
>-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----
>

_____
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---
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February 2001

Original source file: htaprs.0102
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0102

1. [htaprs] RE: AA Batteries in the UK

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 1 Feb 2001 08:37:12 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132261-2001.02.01-02.51.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-132178-2001.01.31-18.36.28--roger#peaksys.co.uk@lis
ts.tapr.org>, Jim Morrison <km5bs@hotmail.com> writes
>Sir,
>
>I'm sorry if my original question about the availability of 1.5 volt AA
>alkaline batteries in the UK offended you. The question was asked, quite
>simply, because I did not know the answer.
Etc...

Besides learning about our batteries, you may also need to learn about
our sense of humour! Don't worry, I doubt if anyone was offended.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Replacement antenna for TH-D7A?

From: Tim Grooms <k5tlg@gocomputers.net>
Date: Thu, 01 Feb 2001 03:26:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132263-2001.02.01-03.39.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What's the best replacement antenna for the Kenwood TH-D7A?
Comet SMA24??? Diamond??? Any thoughts?

Thx,
Tim K5TLG

I've had a Comet BNC24 on mine with an adapter, going to replace it.

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3. [htaprs] Re: what the UK has

From: "T&L Stuart" <polrbear@gci.net>
Date: Thu, 1 Feb 2001 00:36:23 -0900
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132264-2001.02.01-03.54.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>We have electricity. Colour TV. Running water and even cigarette lighters
>in our cars. We even have a 100% digital mobile phone network. Digital
>radio,
>digital TV and a 30 year old nationwide 7Mbit free data service. We have
>more computers per house hold than any other country in the world. Our
>teenagers originate more than 50% of the worlds phone text messages.

YES , but can you get a pack of stinking AA's . #;)

KL0QQ who obviously lives in an igloo 'cause he is in Alaska.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: what the UK has

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 1 Feb 2001 10:27:46 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132265-2001.02.01-04.42.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-132264-2001.02.01-03.54.24--roger#peaksys.co.uk@lis
ts.tapr.org>, T&L Stuart <polrbear@gci.net> writes
>>We have electricity. Colour TV. Running water and even cigarette lighters
>>in our cars. We even have a 100% digital mobile phone network. Digital
>>radio,
>>digital TV and a 30 year old nationwide 7Mbit free data service. We have
>>more computers per house hold than any other country in the world. Our
>>teenagers originate more than 50% of the worlds phone text messages.
>
>YES , but can you get a pack of stinking AA's . #;)

Yes, but we don't use them much, because we find it difficult to pour in
the distilled water to top up the electrolyte level.

(Must stop reading this thread... ;-)

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: Replacement antenna for TH-D7A?

From: "Stephen M. King" <frastephen@home.com>
Date: Thu, 1 Feb 2001 09:15:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132273-2001.02.01-08.29.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I like the Comet SMA24. I wish it was a little "stiffer", but other than
that it is a great improvement over the stock dummy load... especially on
2m....
The connector of the Comet SMA antenna is mechanically very stable -- I
always held my brath when I put an adapter on that socket ....

73,
Stephen
KD3OG

----- Original Message -----
From: "Tim Grooms" <k5tlg@gocomputers.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, February 01, 2001 4:26 AM
Subject: [htaprs] Replacement antenna for TH-D7A?

> What's the best replacement antenna for the Kenwood TH-D7A?
> Comet SMA24??? Diamond??? Any thoughts?
>
> Thx,
> Tim K5TLG
>
> I've had a Comet BNC24 on mine with an adapter, going to replace it.
>
>
>
> ---
> You are currently subscribed to htaprs as: frastephen@home.com
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> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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6. [htaprs] RE: AA Batteries in the UK

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 1 Feb 2001 09:23:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132274-2001.02.01-08.32.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wouldn't assume that nobody was offended. I'm frankly tired of the
American bashing that I read on this and other similar mailing lists. I'm
glad to see the apology.

Regards
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Roger Barker
Sent: Thursday, February 01, 2001 3:37 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: AA Batteries in the UK

In article <LYR10022-132178-2001.01.31-18.36.28--roger#peaksys.co.uk@lis
ts.tapr.org>, Jim Morrison <km5bs@hotmail.com> writes
>Sir,
>
>I'm sorry if my original question about the availability of 1.5 volt AA
>alkaline batteries in the UK offended you. The question was asked, quite
>simply, because I did not know the answer.
Etc...

Besides learning about our batteries, you may also need to learn about
our sense of humour! Don't worry, I doubt if anyone was offended.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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7. [htaprs] ADMIN: Monthly Announcement

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 1 Feb 2001 15:42:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132371-2001.02.01-15.57.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in discussing the new, hot
technologies related to APRS (for example, the APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a

violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like "what kind of car should I buy for my new Kenwood transceiver?") may be considered off-topic. If you start a message with "this is off-topic..." then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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8. [htaprs] Re: AA batteries

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Thu, 1 Feb 2001 23:16:31 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132376-2001.02.01-16.31.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Jim,

On 1 Feb 2001, at 0:00, Jim wrote:
>
> I'm sorry if my original question about the availability of 1.5
> volt AA alkaline batteries in the UK offended you. The question
> was asked, quite simply, because I did not know the answer.
> The power mains are different than ours, the TV system is
> different, etc. We need to use adapters when using much of our
> electrical equipment while visiting your country.
>
I think I was starting the thread about the availability of batteries
in the UK, and feel a little guilty now - especially because I am not
from the UK. But I think the replies were kind of sarcastic and maybe
you can take them as a sort of humour, at least my reply was meant
like this and should not be taken as serious.
If it helped you to make friends - the better.

have a good time,

Werner
OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

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9. [htaprs] completely portable...

From: kcechura@umr.edu
Date: Thu, 01 Feb 2001 20:16:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132407-2001.02.01-20.34.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

ok, ive got my VX5 wired, the KAM is ok, but will be replaced by something
smaller eventually.... has anyone gotten a palmIIII to talk to a KAM or
similar modem? where can i find the schematic for any interfacing i might
need to do??

thnaks
Ken
/==================================\
|++++++++++++++++++++++++++++++++++|
|+   Ken Cechura   +|
|+   Station Manager, W0EEE   +|
|++++++++++++++++++++++++++++++++++|
|+ http://www.umr.edu/~kcechura +|
\==================================/

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10. [htaprs] Re: Replacement antenna for TH-D7A?

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 2 Feb 2001 10:29:53 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132543-2001.02.02-12.43.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried to REPAIR a Pryme RD-98? Excellent
antenna for the D7, but pretty fragile. The base
will explode if you drop it (while on the D7). I
don't know if I am missing a ground connection, but
reassembled, it doesn't work.

 --- "Stephen M. King" <frastephen@home.com> wrote:
 > I like the Comet SMA24. I wish it was a little
 > "stiffer", but other than
 > that it is a great improvement over the stock
 dummy
 > load... especially on
 > 2m....
 > The connector of the Comet SMA antenna is
 > mechanically very stable -- I
 > always held my brath when I put an adapter on that
 > socket ....
 >
 > 73,
 > Stephen
 > KD3OG
 >
 > ----- Original Message -----
 > From: "Tim Grooms" <k5tlg@gocomputers.net>
 > To: "TAPR Hot Technology APRS"
 > <htaprs@lists.tapr.org>
 > Sent: Thursday, February 01, 2001 4:26 AM
 > Subject: [htaprs] Replacement antenna for TH-D7A?
 >
 >
 > > What's the best replacement antenna for the
 > Kenwood TH-D7A?
 > > Comet SMA24??? Diamond??? Any thoughts?
 > >
 > > Thx,
 > > Tim K5TLG

_____
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11. [htaprs] RE: Replacement antenna for TH-D7A?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 2 Feb 2001 18:41:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132575-2001.02.02-17.55.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Comet SMA24 - I bought one shortly after I got my D7 two years ago. I
think its an excellent antenna, I am always concerned I am going to
break it, it seems so flimsy, but so far it has survived all sorts of
abuse from me (which generally means its got to be nearly
indestructible!) I like its extreme flex because the bag I often carry
it in requires that I bend it a bit to get it in and it just pops right
back when I take it out.

> -----Original Message-----
> From: bounce-htaprs-8539@lists.tapr.org
> [mailto:bounce-htaprs-8539@lists.tapr.org]On Behalf Of Tim Grooms
> Sent: Thursday, February 01, 2001 4:27 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Replacement antenna for TH-D7A?
>
>
> What's the best replacement antenna for the Kenwood TH-D7A?
> Comet SMA24??? Diamond??? Any thoughts?
>
> Thx,
> Tim K5TLG
>
> I've had a Comet BNC24 on mine with an adapter, going to replace it.
>
>
>
> ---
> You are currently subscribed to htaprs as: brianbr@macconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>

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12. [htaprs] Re: Replacement antenna for TH-D7A?

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 2 Feb 2001 18:51:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132576-2001.02.02-18.06.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From:Stephen M. King
> Sent: Thursday, February 01, 2001 9:16 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Replacement antenna for TH-D7A?
>
>
> I like the Comet SMA24. I wish it was a little "stiffer",
> but other than that it is a great improvement over the
> stock dummy load ... especially on 2m.... The connector
> of the Comet SMA antenna is mechanically very stable
> -- I always held my brath when I put an adapter on
> that socket ....

   On 2 meters the Comet is light years beyond the stock ducky ...

   Use of an SMA/BNC adapter is asking for a broken case/sma connector
... it gives the antenna mounted WAY TOO MUCH LEVERAGE!!!!!

```
---
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```

13. [htaprs] Re: Replacement antenna for TH-D7A?

From: Skip Allison <sallison@megsinet.net>
Date: Fri, 02 Feb 2001 21:32:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132601-2001.02.02-21.47.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
"Brian B. Riley" wrote:
>
>    On 2 meters the Comet is light years beyond the stock ducky ...
>

I've tried the Comet and the Pryme on both 2M and on 450 and couldn't
detect any difference from the stock D7 antenna.  I don't know - maybe
Kenwood just shipped some bad antennas.

Skip
K9SA

---
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```

14. [htaprs] Re: completely portable...

From: Robert Donnell <kd7nm@pugetsound.net>
Date: Fri, 02 Feb 2001 23:52:43 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132646-2001.02.03-02.06.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
The pocketAPRS software should talk to your KAM - it works fine with my
KPC3+.  You basically need a Palm modem cable - which isn't the easiest
thing to find.  However a hot sync cable, a null modem adapter, a gender
changer, and a de9 to db25 cable or adapter also works fine. That's what
I'm using to couple my TNC to the Palm III.

Hope that helps!

73, Bob

At 08:16 PM 2/1/2001 -0700, kcechura@umr.edu wrote:
>ok, ive got my VX5 wired, the KAM is ok, but will be replaced by something
>smaller eventually.... has anyone gotten a palmIIII to talk to a KAM or
>similar modem? where can i find the schematic for any interfacing i might
>need to do??
>
>thnaks
>Ken
>/==================================\
>|++++++++++++++++++++++++++++++++++|
>|+          Ken Cechura          +|
>|+     Station Manager, W0EEE    +|
>|++++++++++++++++++++++++++++++++++|
>|+ http://www.umr.edu/~kcechura  +|
>\==================================/
>
>---
>You are currently subscribed to htaprs as: kd7nm@pugetsound.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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--
Bob Donnell, KD7NM      Ph:206-542-7661              kd7nm@pugetsound.net
        Western Washington Amateur Radio IP Address Coordinator
--------------------- http://wetnet.wa.com/~kd7nm ------------------------
-- For recent vehicle location try: http://map.findu.com/kd7nm-9 ------
-- For recent handytalky location try: http://map.findu.com/kd7nm-7 ---


---
```

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: Replacement antenna for TH-D7A?

From: Norman Huber <n9zks@earthlink.net>
Date: Sat, 03 Feb 2001 10:23:24 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-132690-2001.02.03-10.39.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Skip Allison wrote:
>
> "Brian B. Riley" wrote:
> >
> >   On 2 meters the Comet is light years beyond the stock ducky ...
> >
>
> I've tried the Comet and the Pryme on both 2M and on 450 and couldn't
> detect any difference from the stock D7 antenna. I don't know - maybe
> Kenwood just shipped some bad antennas.

I had a pyrme and could not make contact with a fellow I could see. The
Comet gets me into the repeater in town with no problem. (I live in the
country.) I have lost my HP antenna so I do not have a chance to test
them all back to back. My 2 cents.

--
Norm - N9ZKS
Motorcyclist, Bicyclist, Ham, Scouter
'82 GoldWing Interstate - LAGNIAPPE
GWRRA Region M Chapter Z
http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7

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16. [htaprs] What Changed?

From: Gregory Powell <gpowell@pacbell.net>
Date: Sat, 03 Feb 2001 17:13:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132746-2001.02.03-19.29.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would anyone know why a converted THd7, now a 7G, will only send data to
either WinAPRS or APRS+ SA when it is in "packet" mode? I do not get map
updates, posit updates or stations heard unless I select the second TNC mode
(i.e. "Packet" is displayed next to "TNC" in the display. I'm not big
APRS'er but I have played around with it a little and would like to setup a
station for the LA Marathon coming up in March. I have older versions of
both programs, v2.44 of WinAPRS and v0.9.22 of +SA. The radio worked
perfect before the "G" upgrade. Nothing else has changed, same computer and
software.

Thanks for any comments

Greg - KD6AIS

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17. [htaprs] Re: What Changed?

From: "Mark A. Foley" <na4v@hom.net>
Date: Sat, 3 Feb 2001 20:30:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-132757-2001.02.03-19.44.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is working now like it is supposed to...if it behaved differently before
the upgrade, there may have been a problem before....
Mark, NA4V

----- Original Message -----
From: "Gregory Powell" <gpowell@pacbell.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, February 03, 2001 8:13 PM
Subject: [htaprs] What Changed?

> Would anyone know why a converted THd7, now a 7G, will only send data to
> either WinAPRS or APRS+ SA when it is in "packet" mode? I do not get map
> updates, posit updates or stations heard unless I select the second TNC
mode
> (i.e. "Packet" is displayed next to "TNC" in the display. I'm not big
> APRS'er but I have played around with it a little and would like to setup
a
> station for the LA Marathon coming up in March. I have older versions of
> both programs, v2.44 of WinAPRS and v0.9.22 of +SA. The radio worked
> perfect before the "G" upgrade. Nothing else has changed, same computer
and
> software.
>
> Thanks for any comments
>
> Greg - KD6AIS
>
>
> ---
> You are currently subscribed to htaprs as: na4v@hom.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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18. [htaprs] Re: What Changed?

From: "Mark A. Foley" <na4v@hom.net>
Date: Sat, 3 Feb 2001 20:49:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-132766-2001.02.03-20.03.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The first mode you referred to is the radio's "stand alone mode"...posit
information/rate/etc...are controled from within. When switch to "packet"
mode...the output port (PC) on the side of the rig is enabled and the
connected computer controls the parameters of the tnc....
Mark, NA4V
----- Original Message -----
From: "Gregory Powell" <gpowell@pacbell.net>
To: "Mark A. Foley" <na4v@hom.net>
Sent: Saturday, February 03, 2001 8:41 PM
Subject: Re: [htaprs] Re: What Changed?

> I don't think so. The first mode is where you can enable BCON, to send
your
> posit. You can't do that in the packet mode. The first TNC mode is for
> APRS and the second, with "Packet" in the display, is for sending digital
> text via packet. So I thought/think.
>
> Greg
> ----- Original Message -----
> From: "Mark A. Foley" <na4v@hom.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Cc: <htaprs@lists.tapr.org>
> Sent: Saturday, February 03, 2001 5:30 PM
> Subject: [htaprs] Re: What Changed?
>
>
> > It is working now like it is supposed to...if it behaved differently
> before
> > the upgrade, there may have been a problem before....
> > Mark, NA4V
>
>

>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: What Changed?

From: "Mark A. Foley" <na4v@hom.net>
Date: Sat, 3 Feb 2001 20:59:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-132778-2001.02.03-20.13.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

LOL...I forget how to use things after a few hours!. Even though I knew the
answer to your first posting, I verified with my D7a (not G). In addition,
the D700 has to be setup the same way to move it from a "stand alone" to
external computer controlled. Glad I could help.
Mark
----- Original Message -----
From: "Gregory Powell" <gpowell@pacbell.net>
To: "Mark A. Foley" <na4v@hom.net>
Sent: Saturday, February 03, 2001 8:54 PM
Subject: Re: [htaprs] Re: What Changed?

> Mark,
> That does make sense. I haven't used the radio for months and perhaps I
> just forgot, but I could swear (no offense intended) that it worked the
> other way before.
>
> Thanks for the reply.
>
> Greg
>
> ----- Original Message -----
> From: "Mark A. Foley" <na4v@hom.net>
> To: "Gregory Powell" <gpowell@pacbell.net>
> Cc: <htaprs@lists.tapr.org>
> Sent: Saturday, February 03, 2001 5:49 PM
> Subject: Re: [htaprs] Re: What Changed?
>
>
> > The first mode you referred to is the radio's "stand alone mode"...posit
> > information/rate/etc...are controled from within. When switch to
"packet"
> > mode...the output port (PC) on the side of the rig is enabled and the
> > connected computer controls the parameters of the tnc....
> > Mark, NA4V
> > ----- Original Message -----
> > From: "Gregory Powell" <gpowell@pacbell.net>
> > To: "Mark A. Foley" <na4v@hom.net>
> > Sent: Saturday, February 03, 2001 8:41 PM
> > Subject: Re: [htaprs] Re: What Changed?
> >
> >
> > > I don't think so. The first mode is where you can enable BCON, to
send
> > your
> > > posit. You can't do that in the packet mode. The first TNC mode is
for
> > > APRS and the second, with "Packet" in the display, is for sending
> digital
> > > text via packet. So I thought/think.
> > >
> > > Greg
> > > ----- Original Message -----
> > > From: "Mark A. Foley" <na4v@hom.net>
> > > To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> > > Cc: <htaprs@lists.tapr.org>
> > > Sent: Saturday, February 03, 2001 5:30 PM
> > > Subject: [htaprs] Re: What Changed?
> > >
> > >
> > > > It is working now like it is supposed to...if it behaved differently
> > > before
> > > > the upgrade, there may have been a problem before....

> > > > Mark, NA4V
> > >
> > >
> > >
> >
>
>

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20. [htaprs] Re: Kenwood TH-D7A

From: "Alton" <n5psp@n5psp.org>
Date: Sat, 3 Feb 2001 21:14:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132794-2001.02.03-21.31.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A friend of mine has a TH-D7AG that he is running with a Garmin
GPS-35 (complete antenna and GPS in a single computer mouse
sized package with power in and serial out) with some success
after manually turning off all of the sentences (with a notebook
computer set to 4800,8,N,1 except $GPRMC.

I think then the radio is set into TNC mode, not APRS mode, and
he then manually set the other parameters with the notebook
computer.

However, further experimentation using it as a tracker has sort of
come to a halt since the PIC-E is up and running. Now he's using
the TH-D7AG as the receiver / decoder to watch stuff on the
notebook while a mobile rig, PIC-E, and GPS-35 forms the tracker.

On 29 Jan 01, at 7:20, Steve J Grudzinski wrote:
> Hello all,
>
> I wish I had paid more attention to the information going across the reflector about this radio, but since I didn't own one until now, well there was no need to. I will be using this radio with a Garmin III+. Does anyone have any comments? As not to flood the reflector again with this radio topic, please send emails to AD6HT@arrl.net.
>
> 73 & Thanks
> Steve
> AD6HT

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21. [htaprs] TH-D7A(G) and Garmin GPS 100

From: Pedro Pérez <eb4dka@teleline.es>
Date: Mon, 5 Feb 2001 13:41:18 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-132989-2001.02.05-06.57.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,
does anybody know if it is possible to connect an old Garmin 100 to a
Kenwood TH-D7A(G)?
thanks in advance.
greetings from Spain,
Pedro, EB4DKA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] APRS in Hawaii ?

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 5 Feb 2001 11:26:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: "'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>
Message-ID: <LYR845-133040-2001.02.05-10.41.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A Ham friend is going to Hawaii and he asks "Does Hawaii have APRS"? He has a D7 and A GPS to take along!

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

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23. [htaprs] How can we receive APRS message email on our APRS rigs???

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Mon, 5 Feb 2001 10:30:47
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133041-2001.02.05-10.45.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Day,

Maurice also known as KF6USM to some of you contacted me today on the internet and enlightened me on 2-way paging information sites that allow you to send a request for information command and then receive that information via email on a 2-way pager.

You can check this out for yourselves at

http://www.hz.com/commands.html

Basically I think we need to consider how to tap these information resources via our APRS rigs so we can in essence have 2-way paging or email capability.

For now I would like to propose that we use an internet gateway of a licensed ham to forward the emails to us when received by the gateway.

They are merely responses to requests for information not emails from non-licensed radio operators.

I would think that the guys up at Rutgers University who already provide us with the nice EMAIL extention to send short emails to our friends via APRS could put this together with a little effort.

We have already seen the benefit of the WHOIS extention.

Perhaps the email aspect is a more extensible architecture.

Just food for thought,

Thought I might spark the interest of the extension providers on this sig.

73's

Randy
K1RTV Harpers Ferry, WV
Eastern Panhandle of WV

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24. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Mon, 5 Feb 2001 03:57:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-133052-2001.02.05-11.12.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Monday 05 February 2001 04:30, Randy R. Creller wrote:
> Good Day,
>
> Maurice also known as KF6USM to some of you contacted me today on the
> internet and enlightened me on 2-way paging information sites that allow
> you to send a request for information command and then receive that
> information via email on a 2-way pager.
>
> You can check this out for yourselves at
>
> http://www.hz.com/commands.html
>
> Basically I think we need to consider how to tap these information
> resources via our APRS rigs so we can in essence have 2-way paging or email
> capability.
>

I'm beginning to be reminded of the current TV commercial with the demolition crew blowing up the building to the oohs and ahhs of the local media. After the first building goes down, the foreman looks at the guy with the plunger and says "Next!" (something to that effect). The demolition crew then procedes to level much of the city. Finally, the foreman looks at a reporter and says "We had some extra explosives, so we figured we'd use them."

The tagline of the commercial is, "Just because you have the power doesn't mean you should use it."

What I'm saying, is that I could, within the space of 3 or 4 weeks, add all of the functionality of HZ.com to APRS. It would work just like the WHOIS server. BUT, I don't think it's a good idea. If you want that functionality, get a Blackberry pager or a SMS-capable phone and knock yourself out. I'm already being accused of being too liberal with the worldwide APRS network with the WHOIS and SCORES servers, and at some point we have to draw the line between useful information being passed over EXTREMELY limited bandwidth, and frivolous crap. Tracking your UPS package via an APRS message to an i-gate is frivolous, and we have no way of prioritizing messages in the aprs messaging system.
  One of the systems I have in place right now is a two-way messaging system for AOL. I won't make it public for two way messaging, because I can't verify the amateur license of the AOL Instant Messanger user. I considered making it available for everyone, but I can't justify the bandwidth use to the APRS community.

Question to the 'gang': how far should we take this? What 'services' should be available to amatuer radio operators now that we have a cheap, extensible, fairly reliable system for passing 1s and 0s between the RF ham-world and the commercial/nasty/brutish/wild/unlimited-bandwidth internet world? I don't want to be on the frontlines of a war equal in extent to the 'privacy wars' of the findu server, but this is an important question.

John Gorkos
AB0OO

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25. [htaprs] RE: APRS in Hawaii ?

From: Charles Richard <w4hfz@sprynet.com>
Date: Mon, 5 Feb 2001 12:02:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>
Message-ID: <LYR845-133053-2001.02.05-11.16.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dwight,
  I think there is a digi on Oahu, but no long-term Igate connectivity.

  However, I'm moving out there in July. As soon as I can, I plan on establishing a full-time Igate (if there is still a need for one by then).

Also, I've been toying with the idea of providing some additional services to visitors, especially those with D7. I should be able to run a 9600 bd APRS Igate on 70cm in addition to a 1200 bd 2 meter one. My QTH will be near Pearl Harbor. Once I get an idea of coverage, I'll look at possible services. For example, it would be nice for a vacationer to be able to command the IGate to

reverse IGate particular stations of interest, to make it easier to exchange messages. I'll do it manually to start, but it would be nice to be able to do it without Igate operator intervention. A weather messenger also comes to mind (except that it will always say "72 degrees and sunny") :)

I've only had limited contact with the hams living there now, so all this is contingent upon local coordination, but I have been in touch with them to get things started.

Open to suggestions for services to provide to hams vacationing in HI.

73 de Chas, W4HFZ

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26. [htaprs] RE: APRS in Hawaii ?

From: Alan Crosswell <alan@columbia.edu>
Date: Mon, 5 Feb 2001 12:37:31 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>,
        "'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>
Message-ID: <LYR845-133061-2001.02.05-11.51.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Open to suggestions for services to provide to hams vacationing in HI.

How about QTH of nearest ABC Store in Waikiki? :-)

[For those from 4-land that think I mean a Package Store, I don't. ABC is a chain of tourist junk stores.]

You should talk to the Uhawaii crowd at Manoa since:
a. They have a ham club and run a couple of repeaters
b. They have a NWS station on campus
c. They have an Internet connection obviosuly
d. They are on the hill overlooking downtown Honolulu/Waikiki

73 de Alan N2YGK

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27. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Mon, 5 Feb 2001 04:45:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133065-2001.02.05-11.58.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Monday 05 February 2001 11:25, another APRSer wrote:
> At 03:57 AM 02/05/2001 -0600, you wrote:
> >how far should we take this?
>
> Personally, I think some sort of registered ham user vehicle needs
> to exist so that a bonafied ham can send a one line message (email?) via
> the internet to an aprs user. This would indeed enable us hams to better
> communicate with each other.

This was sent directly to me, so I'm not posting the author's name, but the point is interesting.

The root question is, how do you prove to me that you're a ham over the internet? The simple answer is: you can't, just like you can't prove to me over the air on a ham radio frequency that you're a ham. The difference is, if you put a radio microphone to your face, press the button, and transmit with no license, the FCC comes and arrests you for transmitting without a license. If you send me a message via the internet, and MY computer, acting under a program that *I* wrote and connected to a transmitter that transmits using MY callsign that *I* control, then the FCC comes and arrests me. Now, that's yucky.
  So, I need to make DARN sure that you have the legal right to transmit before I can pass your transmission through. So the real question is, what

steps do I need to take to satisfy the FCC that I have made sufficient effort
to determine that the party causing my radio to transmit is in fact allowed
to cause transmissions on that particular frequency.

  I suppose the best way to do it would be with a digital signature, since
Uncle Sam just made those legal and binding. So, to transmit on my station,
you need to send me a digital signature that I can then link to an FCC record
in the FCC database. But that would require the FCC having the digital
signature in their database... unlikely, this decade.

I _DON'T_ want to be an armchair lawyer. I just want to have fun and provide
a useful public service with ham radio. I sure as HECK don't want to go to
jail or loose my ham ticket.

John Gorkos

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28. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Mon, 5 Feb 2001 10:13:04 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133075-2001.02.05-12.27.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> how far should we take this? What 'services' should
> be available

ALL THE WAY!!!   EVERYTHING!!!

If we're not pushing the envelope, we're decaying in our grave.
Other folks have great uses for our frequencies.   They will
be using them if we don't.

Here's a great mental exercise.   (For us U.S. folks...) Imagine
George W. was visiting your hamshack.   Imagine tuning across the
bands to show him how the frequencies are being used..   Imagine
asking him to help us "protect" those frequencies after the demo.

Bill - WA7NWP

PS. Our bandwidth is virtually infinite. Our usage of it is
just a bit inefficient.

PPS. Internet Email to APRS CAN and SHOULD be done.   There
are technical solutions to the legality concerns.

_____
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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29. [htaprs] RE: AA Batteries in the UK

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Mon, 5 Feb 2001 12:22:43 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133089-2001.02.05-13.35.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Phillips <Mark.Phillips@royalblue.com> said,

> ...and even cigarette lighters in our cars. ...
[snip]
>Now who's a backwater?

If you use the same absurd cigarette-lighter based 12V automotive plug that
we have, then we're BOTH backwaters in that regard. It's not every day I wish
to use a self-disconnecting "connector". ;-)

73,
Tony KD7TA

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30. [htaprs] RE: APRS in Hawaii ?

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 5 Feb 2001 14:24:00 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
"'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>
Message-ID: <LYR845-133094-2001.02.05-13.38.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

W4HFZ wrote about APRS in Hawaii:

> However, I'm moving out there in July. As soon as I can, I plan on
> establishing a full-time Igate [and maybe additional services]...

Good point. We must all think of the TRAVELER. APRS is for the
TRAVELLING HAM. In that sense, Those who put up assets may not be the
ones that use them the most. THink of the Grand Canyon, Dinsey world,
Hawaii, Yellowstone, all kinds of places that thrive on tourists...
that *dont* have large permanent populations nearby... (or APRS)

When I visited the Grand Canyon and saw all the RV's and Vans, I was sure
I would see an APRS'er. Statistically, with 12,000 visitors a day there
should be 24 hams in the park and 2 should be on APRS... I guess the
other guy's was off since the whole area had no APRS digis.

Actually I would think the select group of road travelers would have a
stistically higher average of HAMS and Thus, I would not be surprised if
there were not a half dozen of us in the park that day.

Maybe we need to identify these (remote, large) TOURIST areas and make
sure that WE-COLLECTIVELY support an infrastructure there.... but first,
lets identify the TARGETS and their visitation rates:

TOURIST AREA	VISITORS/YEAR	APRS
1) Grand Canyon	5,000,000	no (in June 1999)
2) Yellostone	3,100,000	?
3) Rocky Mountain N.P.	?	?
4) Yosemite	?	?
5) Sequoia Natl Park	?	?
6) Mesa Verde (a 20' mast would cover hundreds of miles of interstate)		
7) Badlands	?	?
8) Mt Rushmore	?	?
9) Zion Natl Park	?	?
10) Grand Tetons	?	?
11) Devils Tower	?	?
12) ???		

The criteria here are those areas that are remote from the existing
terrestrial APRS infrastructure and which probably do not have enough
permanent locals to support a digi... "Coverage" means that you can
communicate from the parking lot of the biggest Campground or
Headquarters (Being on TOP of the mountain doesn't count).

If you can supply any info above, please send to me an I will update this
list... Including of course, adding other areas.

de WB4APR, Bob

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31. [htaprs] RE: APRS in Hawaii ?

From: John Mc Hugh <johnk.mchugh@worldnet.att.net>
Date: Mon, 05 Feb 2001 16:00:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,

"'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>
Message-ID: <LYR845-133099-2001.02.05-14.22.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> Good point. We must all think of the TRAVELER. APRS is for the
> TRAVELLING HAM.
> Maybe we need to identify these (remote, large) TOURIST areas and make
> sure that WE-COLLECTIVELY support an infrastructure there...

I agree. For the record Everglades National Park down here in So.
Florida has plenty of coverage thanks to Ray, KD4BBM (east side)and Dale
KG5QD (west side)so that's one down and many to go.

John
--
John Mc Hugh, KU4GY
Coordinator for Amateur Radio
National Hurricane Center, W4EHW
Miami, Florida
Home Page: http://www.fiu.edu/orgs/w4ehw/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] APRS - email, digital signature

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 5 Feb 2001 15:31:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133105-2001.02.05-14.45.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

User authentication, Digital Signature...
Is that not what a call sign is for in a more
generic sense?

I would expect some sort of filter to look for and
bounce stuff that was "Junk Mail" or, containing
bad words, or was not formatted to the correct
APRS-email type address.

From:WR3AAA(wr3aaa@email.com)
to: N3SDO-1 via w3vc

Hi Ed, we have your antenna in. Please
stop in and pick it up at your convience.
73 Joe.
APRSEMAILID_WR3AAA.

Place a formatting condition or something on a
callsign signature prior to sending.
Has anybody been arrested for sending a bad word
via packet? APRS? Take a look at some of the packet
BBS or DX clusters, there is some pretty rude stuff
on them at times. Not that Im saying to just let it
go to the dogs, but the useit or loseit people have a
point!

On the idea for the Mt Rushmore/Yellowstone server,
It sounds good!
How about a Program that would keep a list of calls
heard in the area for 5 days or so, and everytime
a new station comes into a geographic area (50 mile radius)
of an attraction, to forward a message directly to them
of the points of interest, rd directions, and an APRS
object for them to track to. How about a voice message
for the D700 guys too! "Welcome to Jellystone Park".

On a sad note, A moment of silence to the loss of SUNSAT.

Thanks to everybody who made Sunsat a possibility and a
fun learning experience for us all.

73

Ed N3SDO

Ed Bathgate   MFG Engineering Technician.
Bldg 4. (724) 742-6575   Marconi

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Emergency operations., APRS

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 5 Feb 2001 15:44:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133109-2001.02.05-14.58.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Bob,
>
> Just last week I used APRS for coordination of a cave rescue at Mammoth
> Cave Kentucky. Like most National parks we had no APRS coverage in or near
> the park. We did have great coverage along Intestate 65 from north of
> Indianapolis to Elisabeth Town KY.
>
> Because of the usefulness during the last two cave rescues I think we will
> get a wide area digi for southern Indiana and two more APRS radios in the
> hands of ham operators. Most of the critical cave rescue personal have Ham
> licenses and some use D700 and D7 radios in every day use. Currently we
> have five D700's and three D7's that cavers use.
>
> See this web site for some information about the rescue.
> http://www.wlky.com/lou/news/stories/news-15320010201-060237.html
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>
>
>
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Most Urgent Request !!! Concerning APRS!

From: "Kutche, Jerry" <JKutche@lehighcement.com>
Date: Mon, 5 Feb 2001 16:01:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'TAPR Hot Technology APRS'" <htaprs@lists.tapr.org>,
        "'Don Paquette/Jo Ellen Kimmel'" <speleo@reliable-net.net>,
        'k9apr@tawg.org', "'Naab, John W'" <jnaab@indiana.edu>,
        "'Laue, Dorothy L'" <laued@indiana.edu>,
        "'Hazen, Dwight L'"
 <hazen@indiana.edu>,
        "'Bob Bruninga'" <bruninga@usna.edu>
Message-ID: <LYR845-133113-2001.02.05-15.18.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Members of HHHC,
        I got this from Dwight Hazen today... He has asked us to Host an
APRS Digi. I urge each member to attend the next few meetings or so in order
to get this voted in.. I have asked Dwight for info on what is needed... I
have had an interest in the Kenwood TH-D7A the HF Dual bander with built in
TNC, not got one yet.. But will re-looking into it.... I would ask each ham
who is considering the purchase of a NEW HT to look at this one... As when
we get APRS it would come in handy.. Dwight could give list of uses and
benefits... As you may know the Packet Station at w9qyq has been revamped..
We have 2 VHF Ports three HF Ports to UHF Ports and area WX aavilable viw
WXN Weather Server v8.00 and a WX station ayt my place.. APRS also supports
the transmission of this data.
        I urge each member who can be at the next few meetings.. This would
be a grat advancement to or present system and a great ebnefit to the
Amateur Community.

Any questions please send my way, What I can not answer I will get answered
and get back to ya..

Keith can you get this into the next HHHC Hamster Newsletter.
73 Jerome Kutche HHHC V.P.
Sysop W9QYQ Packet System. I would also be glad to Sysop this digi.!!!!
----- Original Message -----
From: Hazen, Dwight L <hazen@indiana.edu <mailto:hazen@indiana.edu>>
To: 'Bob Bruninga' <bruninga@usna.edu <mailto:bruninga@usna.edu>>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org
<mailto:htaprs@lists.tapr.org>>; 'Don Paquette/Jo Ellen Kimmel'
<speleo@reliable-net.net <mailto:speleo@reliable-net.net>>; <k9apr@tawg.org
<mailto:k9apr@tawg.org>>; Naab, John W <jnaab@indiana.edu
<mailto:jnaab@indiana.edu>>; 'Jerome M. Kutche' <n9lya@blueriver.net
<mailto:n9lya@blueriver.net>>; Laue, Dorothy L <laued@indiana.edu
<mailto:laued@indiana.edu>>
Sent: Monday, February 05, 2001 3:40 PM
Subject: Emergency operations., APRS

>
> Bob,
>
> Just last week I used APRS for coordination of a cave rescue at Mammoth
Cave
> Kentucky. Like most National parks we had no APRS coverage in or near the
> park. We did have great coverage along Intestate 65 from north of
> Indianapolis to Elisabeth Town KY.
>
> Because of the usefulness during the last two cave rescues I think we will
> get a wide area digi for southern Indiana and two more APRS radios in the
> hands of ham operators. Most of the critical cave rescue personal have Ham
> licenses and some use D700 and D7 radios in every day use. Currently we
have
> five D700's and three D7's that cavers use.
>
> See this web site for some information about the rescue.
> <http://www.wlky.com/lou/news/stories/news-15320010201-060237.html>
>
>
> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
<mailto:hazen@indiana.edu>
> <http://php.ucs.indiana.edu/~hazen/> Ham Radio wb9tlh@arrl.net
<mailto:wb9tlh@arrl.net>
>
>
>
>
> > -----Original Message-----
> > From: Bob Bruninga [SMTP:bruninga@usna.edu
<mailto:SMTP:bruninga@usna.edu>]
> > Sent: Monday, February 05, 2001 2:24 PM
> > To: TAPR Hot Technology APRS
> > Cc: TAPR Hot Technology APRS; 'Don Paquette/Jo Ellen Kimmel'
> > Subject: [htaprs] RE: APRS in Hawaii ?
> >
> > W4HFZ wrote about APRS in Hawaii:
> >
> > > However, I'm moving out there in July. As soon as I can, I plan on
> > > establishing a full-time Igate [and maybe additional services]...
> >
> > Good point. We must all think of the TRAVELER. APRS is for the
> > TRAVELLING HAM. In that sense, Those who put up assets may not be the
> > ones that use them the most. THink of the Grand Canyon, Dinsey world,
> > Hawaii, Yellowstone, all kinds of places that thrive on tourists...
> > that *dont* have large permanent populations nearby... (or APRS)
> >
> > When I visited the Grand Canyon and saw all the RV's and Vans, I was
sure
> > I would see an APRS'er. Statistically, with 12,000 visitors a day there
> > should be 24 hams in the park and 2 should be on APRS... I guess the
> > other guy's was off since the whole area had no APRS digis.
> >
> > Actually I would think the select group of road travelers would have a
> > stistically higher average of HAMS and Thus, I would not be surprised if
> > there were not a half dozen of us in the park that day.
> >
> > Maybe we need to identify these (remote, large) TOURIST areas and make
> > sure that WE-COLLECTIVELY support an infrastructure there.... but first,
> > lets identify the TARGETS and their visitation rates:
> >
> > TOURIST AREA VISITORS/YEAR APRS

> > -------------------- ------------- ----
> > 1) Grand Canyon 5,000,000 no (in June 1999)
> > 2) Yellostone 3,100,000 ?
> > 3) Rocky Mountain N.P. ? ?
> > 4) Yosemite ? ?
> > 5) Sequoia Natl Park ? ?
> > 6) Mesa Verde (a 20' mast would cover hundreds of miles of interstate)
> > 7) Badlands ? ?
> > 8) Mt Rushmore ? ?
> > 9) Zion Natl Park ? ?
> > 10) Grand Tetons ? ?
> > 11) Devils Tower ? ?
> > 12) ???
> >
> > The criteria here are those areas that are remote from the existing
> > terrestrial APRS infrastructure and which probably do not have enough
> > permanent locals to support a digi... "Coverage" means that you can
> > communicate from the parking lot of the biggest Campground or
> > Headquarters (Being on TOP of the mountain doesn't count).
> >
> > If you can supply any info above, please send to me an I will update
this
> > list... Including of course, adding other areas.
> >
> > de WB4APR, Bob
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: hazen@indiana.edu
<mailto:hazen@indiana.edu>
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
<mailto:leave-htaprs-845T@lists.tapr.org>
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
<mailto:wa1lou@tapr.org>

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35. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: "kd5mhm @ wtccs.com" <kd5mhm@wtccs.com>
Date: Mon, 5 Feb 2001 15:28:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133115-2001.02.05-15.42.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear Pedro,
It's been many years since I was in Spain! Hope all is well there.

My Kenwood TH-D7A(G) doesn't like my (new) Garmin GPS. Here's why:

On page 5 of my Enhanced Features manual they reference, they say we need
the (newer) NMEA string, NMEA-0183 $GPWPL sentence. They also call it the
'Magellen' format - ie Magellen GPS units and NOT our Garmin units. Perhaps
an older Garmin might have this $GPWPL sentence, but not mine.

At this time, I am unable to configure my Garmin GPS to work with my Kenwood
at all. Most other things seem to accept the $GPRMC sentence without
trouble, however the Kenwood doesn't seem to like the $GPRMC sentence.

Currently I am looking at buying a Magellen unit for my Kenwood...

Best

----- Original Message -----
From: "Pedro Pérez" <eb4dka@teleline.es>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 6:41 AM
Subject: [htaprs] TH-D7A(G) and Garmin GPS 100

> Hi all,
> does anybody know if it is possible to connect an old Garmin 100 to a
> Kenwood TH-D7A(G)?
> thanks in advance.
> greetings from Spain,

> Pedro, EB4DKA
>
>
> ---
> You are currently subscribed to htaprs as: n5psp@n5psp.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: More Info 1/2 wave ant/BMHA

From: JD Erskine VA7JD <jd@rescueteam.com>
Date: Mon, 05 Feb 2001 14:01:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133138-2001.02.05-16.44.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've used copper pipe J-pole antennas to great effect for almost any 2m
in-band application, don't know quite how many I've made. I was going to
suggest the 300 ohm twin lead version inside a light weight PVC tube for
above treeline application until the list of heavy stuff you're hauling up
there struck me. Have fun. Of course it's not clear whether you're going
portable or installing a station there.

Our guiding light in Victoria packet stuff, Larry Joe VE7DIE, uses a
sectionalised 3/4 inch copper pipe J (great bandwidth) for 2m which he pops
onto a camera tripod for quick setups. Good for displays, demos and public
svc. Painted black, it gets almost as much attention as the rest of the set
up. "Where did you get that?" is frequently heard. I've made a few
sectionalised Js which fit in a bag or pack nicely. There's a fellow on the
coast here selling a "Maple J" cut for marine VHF use and made from 450 ohm
twin lead.

73 JD mailto:VA7JD@rac.ca VA7OTC on APRS when on.

At 19:57 28/01/01 -0600, Alton wrote:
>I have recently become a copper pipe J-pole type person for APRS
>and other packet, precisely because it mathematically behaves
>much like a half wave antenna in the upper portion of the long
>element.
>
>We will be backpacking at least a couple of these, a notebook
>computer, several 7 ampere hour gel cell batteries, mobile rigs,
>solar panels, and of course at least 2 trackers and a WX station up
>to Guadalupe Peak on a weekend determined by the weather.
>
>Check the newsletter at
>http://www.w5qgg.org for details.
snip

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37. [htaprs] Re: Emergency operations., APRS (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 5 Feb 2001 17:50:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133143-2001.02.05-17.04.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great news on the Cave Rescue!
Thanks.
I assume you have read my ideas for using APRS INSIDE caves to
establish "forward" com bases as far as 7 digi hops inside the cave?
If not, see my CAVES.TXT included in all APRSdos README directories..
de WB4APR, Bob

On Mon, 5 Feb 2001, Hazen, Dwight L wrote:

> Just last week I used APRS for coordination of a cave rescue at Mammoth Cave
> Kentucky. Like most National parks we had no APRS coverage in or near the
> park. We did have great coverage along Intestate 65 from north of

> Indianapolis to Elisabeth Town KY.
>
> See this web site for some information about the rescue.
> http://www.wlky.com/lou/news/stories/news-15320010201-060237.html

> Dwight L. Hazen, Indiana University, UITS
> Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
> http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: AE5PL <HamLists@ametx.com>
Date: Mon, 5 Feb 2001 18:30:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133173-2001.02.05-18.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Which Garmin are you using? I am using an Etrex in NMEA out mode and the
THD7A(G) likes it fine! The key with the Garmins is to NOT use Garmin mode
on the Garmin's interface. Always be sure to use the NMEA out mode and set
the TH-D7A(G) mode to NMEA.

If the 100 supports NMEA out mode, then it should work.

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: kd5mhm @ wtccs.com [mailto:kd5mhm@wtccs.com]
Sent: Monday, February 05, 2001 3:31 PM
To: HT
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

Dear Pedro,
It's been many years since I was in Spain! Hope all is well there.

My Kenwood TH-D7A(G) doesn't like my (new) Garmin GPS. Here's why:

On page 5 of my Enhanced Features manual they reference, they say we need
the (newer) NMEA string, NMEA-0183 $GPWPL sentence. They also call it the
'Magellen' format - ie Magellen GPS units and NOT our Garmin units. Perhaps
an older Garmin might have this $GPWPL sentence, but not mine.

At this time, I am unable to configure my Garmin GPS to work with my Kenwood
at all. Most other things seem to accept the $GPRMC sentence without
trouble, however the Kenwood doesn't seem to like the $GPRMC sentence.

Currently I am looking at buying a Magellen unit for my Kenwood...

Best

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: APRS - email, digital signature

From: "ScottM" <smorris@mindspring.com>
Date: Mon, 5 Feb 2001 20:45:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133193-2001.02.05-19.59.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A call sign is not a digital signature or authenticated. Anyone can put in
someone's call sign. It would be illegal of course, but how would you know

who it was. A digital Signature proves who you are when you send a message,
most of the time it is password protected, and it is authenticated by an
Authority.

Scott
----- Original Message -----
From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 3:31 PM
Subject: [htaprs] APRS - email, digital signature

>
> User authentication, Digital Signature...
> Is that not what a call sign is for in a more
> generic sense?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Mon, 5 Feb 2001 20:41:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133196-2001.02.05-20.57.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pete,
I've got the Garmin 35 unit (oem, self-contained, includes active antenna,
includes 7-40vdc power input) and I 'think' I have it in plain ol' NMEA
mode. For example, I've turned off all the strings except $GPRMC when I put
it to my TAPR Pic-E unit and/or have turned off all the Garmin proprietary
strings.

My Kenwood manual says it wants "the NMEA-0183 $GPWPL format (or Magellan
format)". My Garmin manual doesn't say I can have that particular choice.

What choices do you have to set your Garmin? Can you connect your Garmin to
your computer and capture some data strings from the GPS unit and let me
look at what is going into you Kenwood? For that matter, can you capture
your Kenwood settings for comparison to mine?

A web site I found listing compatible GPS units seemed to imply that no
Garmins would work with the Kenwood so I tried mine anyway. No luck so
far...

I'm working on an APRS presentation/demonstration for our local Ham club
(about 10 days from now) and any of these little problems I uncover/resolve
will help others. Any suggestions are most welcome.

Thanks
Scott

----- Original Message -----
From: "AE5PL" <HamLists@ametx.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 6:30 PM
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

> Which Garmin are you using? I am using an Etrex in NMEA out mode and the
> THD7A(G) likes it fine! The key with the Garmins is to NOT use Garmin
mode
> on the Garmin's interface. Always be sure to use the NMEA out mode and
set
> the TH-D7A(G) mode to NMEA.
>
> If the 100 supports NMEA out mode, then it should work.
>
> Hope this helps.
>
> 73,
>
> Pete Loveall AE5PL

> http://www.ae5pl.net
> mailto:pete@ae5pl.net
>
>
>
> -----Original Message-----
> From: kd5mhm @ wtccs.com [mailto:kd5mhm@wtccs.com]
> Sent: Monday, February 05, 2001 3:31 PM
> To: HT
> Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100
>
>
> Dear Pedro,
> It's been many years since I was in Spain! Hope all is well there.
>
> My Kenwood TH-D7A(G) doesn't like my (new) Garmin GPS. Here's why:
>
> On page 5 of my Enhanced Features manual they reference, they say we need
> the (newer) NMEA string, NMEA-0183 $GPWPL sentence. They also call it the
> 'Magellen' format - ie Magellen GPS units and NOT our Garmin units.
Perhaps
> an older Garmin might have this $GPWPL sentence, but not mine.
>
> At this time, I am unable to configure my Garmin GPS to work with my
Kenwood
> at all. Most other things seem to accept the $GPRMC sentence without
> trouble, however the Kenwood doesn't seem to like the $GPRMC sentence.
>
> Currently I am looking at buying a Magellen unit for my Kenwood...
>
> Best
>
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: "Jim King" <jim@jimking.net>
Date: Mon, 5 Feb 2001 21:07:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133200-2001.02.05-21.21.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

$GPWPL goes TO the GPS receiver. The catch is that not all GPS receivers
pay attention to it. My Garmin III+ and 12XL do use it, but some other
Garmins (eMap?) do not. Since the GPS-35 doesn't have a display I'd expect
it to ignore $GPWPL.

fwiw, both the III+ and the 12XL work fine with my D7. Just remember to set
the Garmin to NMEA mode, and make sure the baud rate matches on the GPS and
the D7.

Jim KD5LUQ

----- Original Message -----
From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 8:41 PM
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

> Pete,
> I've got the Garmin 35 unit (oem, self-contained, includes active antenna,
> includes 7-40vdc power input) and I 'think' I have it in plain ol' NMEA
> mode. For example, I've turned off all the strings except $GPRMC when I
put
> it to my TAPR Pic-E unit and/or have turned off all the Garmin proprietary
> strings.
>
> My Kenwood manual says it wants "the NMEA-0183 $GPWPL format (or Magellan

> format)". My Garmin manual doesn't say I can have that particular choice.
>
> What choices do you have to set your Garmin? Can you connect your Garmin
to
> your computer and capture some data strings from the GPS unit and let me
> look at what is going into you Kenwood? For that matter, can you capture
> your Kenwood settings for comparison to mine?
>
> A web site I found listing compatible GPS units seemed to imply that no
> Garmins would work with the Kenwood so I tried mine anyway. No luck so
> far...
>
> I'm working on an APRS presentation/demonstration for our local Ham club
> (about 10 days from now) and any of these little problems I
uncover/resolve
> will help others. Any suggestions are most welcome.
>
> Thanks
> Scott
>
>
> ----- Original Message -----
> From: "AE5PL" <HamLists@ametx.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Monday, February 05, 2001 6:30 PM
> Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100
>
>
> > Which Garmin are you using? I am using an Etrex in NMEA out mode and
the
> > THD7A(G) likes it fine! The key with the Garmins is to NOT use Garmin
> mode
> > on the Garmin's interface. Always be sure to use the NMEA out mode and
> set
> > the TH-D7A(G) mode to NMEA.
> >
> > If the 100 supports NMEA out mode, then it should work.
> >
> > Hope this helps.
> >
> > 73,
> >
> > Pete Loveall AE5PL
> > http://www.ae5pl.net
> > mailto:pete@ae5pl.net
> >
> >
> >
> > -----Original Message-----
> > From: kd5mhm @ wtccs.com [mailto:kd5mhm@wtccs.com]
> > Sent: Monday, February 05, 2001 3:31 PM
> > To: HT
> > Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100
> >
> >
> > Dear Pedro,
> > It's been many years since I was in Spain! Hope all is well there.
> >
> > My Kenwood TH-D7A(G) doesn't like my (new) Garmin GPS. Here's why:
> >
> > On page 5 of my Enhanced Features manual they reference, they say we
need
> > the (newer) NMEA string, NMEA-0183 $GPWPL sentence. They also call it
the
> > 'Magellen' format - ie Magellen GPS units and NOT our Garmin units.
> Perhaps
> > an older Garmin might have this $GPWPL sentence, but not mine.
> >
> > At this time, I am unable to configure my Garmin GPS to work with my
> Kenwood
> > at all. Most other things seem to accept the $GPRMC sentence without
> > trouble, however the Kenwood doesn't seem to like the $GPRMC sentence.
> >
> > Currently I am looking at buying a Magellen unit for my Kenwood...
> >
> > Best
> >
> >
> > ---

> > You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: jim@jimking.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: "Lee A. Dickinson" <k4lad@qsl.net>
Date: Mon, 05 Feb 2001 22:06:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133202-2001.02.05-21.26.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:45 AM 2/5/01 -0600, John Gorkos wrote:

>The root question is, how do you prove to me that you're a ham over the
>internet?

I have email re-directors under my call sign at arrl.net and
qsl.net. Could it be done similarly thru a re-director that would not pass
the email unless the user was registered, which is to say that you
confirmed that the license was valid during registration? Not unlike an
autopatch on an open repeater that is only accessible by club members using
the access code.

Thinking out loud, but possibly not making any sense........

73 de K4LAD - Lee A. Dickinson
QTH: Colbert, Georgia, USA (Grid: EM84ja)

http://www.qrz.com/database?callsign=k4lad

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: AE5PL <HamLists@ametx.com>
Date: Mon, 5 Feb 2001 21:42:30 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133207-2001.02.05-21.56.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't take the Kenwood manual too seriously. Remember, the main manual was
written for the A, not the A(G). They added a lot of support to the G model
for multiple types of GPS. My Garmin Etrex is putting out the following in
NMEA out mode (according to my terminal screen on my pocketAPRS connected to
the TNC in my TH-D7A(G) which is also connected to the Etrex): it is
displaying only $GPRMC messages from the GPS. If there are any other
strings, the TNC is not passing them on to the computer.

Judging from the manual for the 35, here are my recommended settings:

4.1.2 Sensor Initialization Information (PGRMI)
Leave this one alone.

4.1.3 Sensor Configuration Information (PGRMC)
Enter a $PGRMC to find the defaults for below. I am just giving my specific
recommendations.
<1> Fix mode, A = automatic
<2>
<3>

<4> Null
<5> Null
<6> Null
<7> Null
<8> Null
<9> Differential mode, A = automatic
<10> NMEA Baud rate, 3 = 4800
<11>
<12>
<13>
<14>

4.1.4 Additional Sensor Configuration Information (PGRMC1)
Enter $PGRMC1 to get the defaults. I recommend 7 to be 1 (off)

4.1.5 Output Sentence Enable/Disable (PGRMO)
The $PGRMO sentence provides the ability to enable and disable specific
output sentences.
The following sentences are enabled at the factory: GPGGA, GPGSA, GPGSV,
GPRMC, and PGRMT.
$PGRMO,<1>,<2>*hh<CR><LF>
<1> Target sentence description (e.g., PGRMT, GPGSV, etc.)
<2> Target sentence mode, where:
0 = disable specified sentence
1 = enable specified sentence
2 = disable all output sentences
3 = enable all output sentences (except GPALM)

I recommend disabling all $PGRMO,GPGGA,2*hh first. Then $PGRMO,GPRMC,1*hh
to enable GPRMC sentences.

Make sure the TH-D7AG is in APRS mode with NMEA selected for the GPS and you
should hear single beeps while the GPS gets a lock. When it gets a lock,
you will hear a single set of tones at the first locked sentence received.

Good luck, but it should work great. I have seen other posts saying the 35
works great with the D700 (so it should with the D7 as well).

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: KD5MHM @ kd5mhm.org [mailto:kd5mhm@kd5mhm.org]
Sent: Monday, February 05, 2001 8:46 PM
To: HT
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

Pete,
I've got the Garmin 35 unit (oem, self-contained, includes active antenna,
includes 7-40vdc power input) and I 'think' I have it in plain ol' NMEA
mode. For example, I've turned off all the strings except $GPRMC when I put
it to my TAPR Pic-E unit and/or have turned off all the Garmin proprietary
strings.

My Kenwood manual says it wants "the NMEA-0183 $GPWPL format (or Magellan
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What choices do you have to set your Garmin? Can you connect your Garmin to
your computer and capture some data strings from the GPS unit and let me
look at what is going into you Kenwood? For that matter, can you capture
your Kenwood settings for comparison to mine?

A web site I found listing compatible GPS units seemed to imply that no
Garmins would work with the Kenwood so I tried mine anyway. No luck so
far...

I'm working on an APRS presentation/demonstration for our local Ham club
(about 10 days from now) and any of these little problems I uncover/resolve
will help others. Any suggestions are most welcome.

Thanks
Scott

----- Original Message -----
From: "AE5PL" <HamLists@ametx.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 6:30 PM
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

> Which Garmin are you using? I am using an Etrex in NMEA out mode and the
> THD7A(G) likes it fine! The key with the Garmins is to NOT use Garmin
mode
> on the Garmin's interface. Always be sure to use the NMEA out mode and
set
> the TH-D7A(G) mode to NMEA.
>
> If the 100 supports NMEA out mode, then it should work.
>
> Hope this helps.
>
> 73,
>
> Pete Loveall AE5PL
> http://www.ae5pl.net
> mailto:pete@ae5pl.net
>
>
>
> -----Original Message-----
> From: kd5mhm @ wtccs.com [mailto:kd5mhm@wtccs.com]
> Sent: Monday, February 05, 2001 3:31 PM
> To: HT
> Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100
>
>
> Dear Pedro,
> It's been many years since I was in Spain! Hope all is well there.
>
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> On page 5 of my Enhanced Features manual they reference, they say we need
> the (newer) NMEA string, NMEA-0183 $GPWPL sentence. They also call it the
> 'Magellen' format - ie Magellen GPS units and NOT our Garmin units.
Perhaps
> an older Garmin might have this $GPWPL sentence, but not mine.
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> At this time, I am unable to configure my Garmin GPS to work with my
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> at all. Most other things seem to accept the $GPRMC sentence without
> trouble, however the Kenwood doesn't seem to like the $GPRMC sentence.
>
> Currently I am looking at buying a Magellen unit for my Kenwood...
>
> Best
>
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: HamLists@ametx.com
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: "Thomas M. Schaefer" <toms@inconnect.com>
Date: Mon, 5 Feb 2001 20:40:31 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>,
        "APRS Spec Discussion List" <aprsspec@lists.tapr.org>

Message-ID: <LYR845-133208-2001.02.05-21.57.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The way I did ity was tomake a list on egroups called aprsemail@egroups.com. This list has all its mail moderated. I thenhave an account subscribed to it that will get any moderated mail. Once mail is approved, it gets sent to the list. I monitor one subscribed account and any mail it received is sent to the aprs mail address. I take advantage of the fact that the header of an approved message has a syntax that tells me who approved so I can log it and verify that no one compromised the email address.

The program to receive the mails and forward them is complete, but it lacks ACK code. It really needs that. if anyone wants to work onthis, it is 80% complete, it just needs a bit of help.

Tom NY4I

PS One more thing - I only allow known people to be moderators. Currently there are about 5 moderators so between all of us, the mail should be sent quick enough (certainly not real-time, but it works).
----- Original Message -----
From: "Lee A. Dickinson" <k4lad@qsl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 05, 2001 8:06 PM
Subject: [htaprs] Re: How can we receive APRS message email on our APRS rigs???

> At 04:45 AM 2/5/01 -0600, John Gorkos wrote:
>
> >The root question is, how do you prove to me that you're a ham over the
> >internet?
>
> I have email re-directors under my call sign at arrl.net and
> qsl.net. Could it be done similarly thru a re-director that would not
pass
> the email unless the user was registered, which is to say that you
> confirmed that the license was valid during registration? Not unlike an
> autopatch on an open repeater that is only accessible by club members
using
> the access code.
>
> Thinking out loud, but possibly not making any sense........
>
>
> 73 de K4LAD - Lee A. Dickinson
> QTH: Colbert, Georgia, USA (Grid: EM84ja)
>
> http://www.qrz.com/database?callsign=k4lad
>
>
> ---
> You are currently subscribed to htaprs as: toms@inconnect.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Tue, 6 Feb 2001 7:42:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133258-2001.02.06-07.56.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Tom,

I tried to go to htp://www.egroups.com and I was linked to
http://groups.yahoo.com/local/news.html

I was hoping to find the particulars of how to use your
aprsemail@egroups.com???

What do you expect for a subject, body etc???

Please let me know.

I had been using the Rutgers University APRS server
RF APRS messages to EMAIL
                MSG randyroo@hotmail.com my message here

This gates to the internet with an occasional MSG ACK when it is gated to
the internet back there is noway for an internet user to email a HAM
operator.

Thanks,

73's

Randy R. Creller
K1RTV Harpers Ferry, WV
Eastern Panhandle of WV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: How can we receive APRS message email on our APRS rigs???

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Tue, 6 Feb 2001 7:49:50
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133264-2001.02.06-08.03.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Tom,

Is this the new URL of your egroups site.

http://groups.yahoo.com/group/APRSMAIL

Thanks,

Randy
K1RTV Harpers Ferry, WV
Eastern Panhandle of WV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Tue, 6 Feb 2001 10:11:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133314-2001.02.06-11.24.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org> writes:

>My Kenwood manual says it wants "the NMEA-0183 $GPWPL format (or Magellan
>format)". My Garmin manual doesn't say I can have that particular choice.

Apples and oranges here. The WPL sentence describes a waypoint that the GPS
is being taken to. The RMC sentence (like the GGA) describes where in the
world the GPS is located right now.

"WPL - waypoint location WPL,4917.16,N,12310.64,W,003*65
4917.16,N Latitude of waypoint
12310.64,W Longitude of waypoint
003 Waypoint ID
When a route is active, this sentence is sent once for each waypoint in the
route, in sequence. When all waypoints have been reported, GPR00 is sent in
the next data set. In any group of sentences, only one WPL sentence, or an
R00 sentence, will be sent."

I don't know why a D7 would care all that much about route navigation, that's
something above and beyond it's APRS duties.

>A web site I found listing compatible GPS units seemed to imply that no
>Garmins would work with the Kenwood so I tried mine anyway. No luck so
>far...

Then the implication would seem to be false. This sig's archives contain many
success stories re Kenwood/Garmin. True enough, those declarations of success
are often preceded by stories of frustration so it seems to be the case that
the useful information is hard to find. By my count many of these problems
seem to be resolved by connecting the wires to the correct pins.

If the D7 doesn't accept the RMC sentence that's a real shame:

"RMC - Recommended minimum specific GPS/Transit data
RMC,225446,A,4916.45,N,12311.12,W,000.5,054.7,191194,020.3,E*68
225446 Time of fix 22:54:46 UTC
A Navigation receiver warning A = OK, V = warning
4916.45,N Latitude 49 deg. 16.45 min North
12311.12,W Longitude 123 deg. 11.12 min West "
etc.

as described in the excellent
ftp://vancouver-webpages.com/pub/peter/nmeafaq.txt

73,
Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Maps

From: Gregory Powell <gpowell@pacbell.net>
Date: Tue, 06 Feb 2001 09:08:34 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133316-2001.02.06-11.30.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried Microsoft Streets and Trips 2001 for APRS maps?

PS Thanks to Mark NA4V for helping me out of a "senior moment" with
operating modes on my THd7G. Now if I could just remember where I put my
keys :-)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Tue, 6 Feb 2001 11:37:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133317-2001.02.06-11.51.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony,
Thanks to you (and everyone) for all the responses to my post! Most
helpful.

Perhaps the TH-D7A(G) wants the wpl because, like my little Magellan 300, it
has a little 'compass' that shows me the distance and direction to other
APRS stations in its list!

On page 7 of my Enhanced Features manual (my 'g' manual in addition to my
'a' manual) it shows how I can see the distance (miles or km's) and the
direction (8-vector compass icon) from the Kenwood's location to the
location of the station I'm reviewing in its 40-station list.

One of my thoughts was to use this to track down my good friend Alton
(n5psp-9 on findu.com) in a sort of APRS fox hunt. For all his radios,
pager, cell phone and email, sometimes he can be bad about communicating
with folks. But he almost always has his APRS running in the car!

My Garmin is currently set for only rmc string so I'm going to connect it
back up to the Kenwood at lunch time (cst) and see if I can find me on
findu.com after lunch. Perhaps the comment about the documentation not
being exactly complete is too accurate.

Thanks again,
Scott

KD5MHM
Midland, Texas

----- Original Message -----
From: "Tony Arnerich" <tarnerich@in-situ.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, February 06, 2001 11:11 AM
Subject: [htaprs] Re: TH-D7A(G) and Garmin GPS 100

> "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org> writes:
>
> >My Kenwood manual says it wants "the NMEA-0183 $GPWPL format (or Magellan
> >format)". My Garmin manual doesn't say I can have that particular
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>
> Apples and oranges here. The WPL sentence describes a waypoint that the
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> is being taken to. The RMC sentence (like the GGA) describes where in the
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>
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> 4917.16,N Latitude of waypoint
> 12310.64,W Longitude of waypoint
> 003 Waypoint ID
> When a route is active, this sentence is sent once for each waypoint in
the
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> the next data set. In any group of sentences, only one WPL sentence, or an
> R00 sentence, will be sent."
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> RMC,225446,A,4916.45,N,12311.12,W,000.5,054.7,191194,020.3,E*68
> 225446 Time of fix 22:54:46 UTC
> A Navigation receiver warning A = OK, V = warning
> 4916.45,N Latitude 49 deg. 16.45 min North
> 12311.12,W Longitude 123 deg. 11.12 min West "
> etc.
>
> as described in the excellent
> ftp://vancouver-webpages.com/pub/peter/nmeafaq.txt
>
> 73,
> Tony KD7TA
>
>
>
> ---
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>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 6 Feb 2001 14:57:01 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-133342-2001.02.06-14.11.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 6 Feb 2001, Tony Arnerich wrote:

> Apples and oranges here. The WPL sentence describes a waypoint that the GPS
>
> I don't know why a D7 would care all that much about route navigation, that's
> something above and beyond it's APRS duties.

That is in there as the means by which the D7 displays on an attached GPS
the positon of all other APRS stations heard on the air. THe D7 passes
them over to the GPS for display as waypoints...

> If the D7 doesn't accept the RMC sentence that's a real shame:

It does...
Bob

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51. [htaprs] Kenwood TM-D700 AX Level II...??

From: Jerry Curry <jercurry@att.net>
Date: Tue, 06 Feb 2001 11:30:25 -0900
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133348-2001.02.06-14.44.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently bought a new TM-D700 for use on packet etc.   In trying to
use it on packet I found that most of the stations I connect to were
sending the packet twice before my D700 would send an ACK packet back.
It's not a path problem but has to do with AX LVL II.

I checked the problem with another local ham who also has a new D700 and
he sees the same thing. His D700 will not 'acknowledge' a received
packet until the distant end sends it the second time. (not a path problem)

By reverting to AX LVL I (at distant end) the problem is resolved. I
feel that the D700 Tasco modem software is not fully AX LVL II compatible.

I wonder if anyone else has noticed this. To test it. Simply have
someone connect to you on packet and see how many retries it takes
before your D700 acknowledges the received packet. The D700 will print
the received packet to your terminal program but will not send the 'ACK'
packet until the second time it's sent to you.

Kenwood has had no reports of this but I wonder how many of us watch
closely to how our rigs respond.

The D700 checks out fine on the bench. I ran it though a load of tests
with our HP 8920A Communications Monitor and it's just fine. The radio
is not the problem and I have tested this problem over several different
paths. In each case, if the distant end reverted to AX LVL I, my D700
would respond with it's "ACK" packet on the first attempt. Like it's
supposed to. Not so, if distant end had AX LVL II ON.

In all cases, AX Level II Version 2.0 is the distant end software. The
D-700 does not have an AX Level II on/off option but says it is Level
II version 2.0 compliant.

If you own a D700 and use it for packet, would you try and see how many
times it has to receive a packet of data before it sends the
'acknowledgment' packet back out.

Maybe I have something else wrong but I've been doing packet since the
very first kits came out of TAPR.

Thanks

Jerry KL7EDK

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52. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: "Peter Loveall" <HamLists@ametx.com>
Date: Tue, 6 Feb 2001 15:0:27
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133356-2001.02.06-15.14.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I forgot. On the Garmin 35, you also want $GPGGA sentences to come through
(altitude) as well as $GPRMC sentences.

Bob is correct. You were reading in the D7A manual about sending waypoints
TO the GPS. In the case of the 35, make sure that Waypoints is OFF in the
D7A.

Also, if the D7A is receiving info from the 35, you should see the degree,
minute, and second symbols flash on and off when you are looking at
position (POS) on the D7A. (By the way, use the down arrow to see course,
speed, and altitude in the position display.)

Good luck.

Pete Loveall
pete@ae5pl.net
www.ae5pl.net

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53. [htaprs] RE: APRS in Hawaii ?

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Tue, 6 Feb 2001 20:23:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133454-2001.02.06-19.38.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob B. wrote:

Good point. We must all think of the TRAVELER. APRS is for the
TRAVELLING HAM. In that sense, Those who put up assets may not be the
ones that use them the most. THink of the Grand Canyon, Dinsey world,
Hawaii, Yellowstone, all kinds of places that thrive on tourists...
that *dont* have large permanent populations nearby... (or APRS)

12)Everglades National Park   Visitors ???   APRS   1400' KD4BBM-6 DIGI

Lee Ciereszko   N4TCW

Find Lee: http://map.findu.com/n4tcw

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54. [htaprs] d700 rx'es twice

From: James Jefferson <jjeffers@deskmedia.com>
Date: Wed, 07 Feb 2001 08:58:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133571-2001.02.07-09.07.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jerry,

I have noticed the same thing. Nice engineering to track down the culprit.

Editorial: It really is sad that the equipment manufacturers / FCC won't
allow us to change the radio's firmware. That would certainly foster more
experimentation (something that amateur radio is about) and would allow
Kenwood to send more frequent firmware updates.

-James Jefferson

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55. [htaprs] Re: d700 rx'es twice

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 07 Feb 2001 10:13:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-133588-2001.02.07-10.27.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Editorial: It really is sad that the equipment manufacturers / FCC won't
>allow us to change the radio's firmware. That would certainly foster more
>experimentation (something that amateur radio is about) and would allow
>Kenwood to send more frequent firmware updates.

What is unfortunate is that the radio's control firmware is not separted from
the applications firmware so that we could change one and not the other and
have other benefits all around...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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56. [htaprs] Re: Kenwood TM-D700 AX Level II...??

From: Roger Barker <roger@peaksys.co.uk>
Date: Wed, 7 Feb 2001 16:56:35 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133603-2001.02.07-11.09.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-133348-2001.02.06-14.44.55--roger#peaksys.co.uk@lis
ts.tapr.org>, Jerry Curry <jercurry@att.net> writes
>
>I recently bought a new TM-D700 for use on packet etc.   In trying to
>use it on packet I found that most of the stations I connect to were
>sending the packet twice before my D700 would send an ACK packet back.
>It's not a path problem but has to do with AX LVL II.

The problem is not that the D700 actually needs to receive a packet
twice, it's that it effectively operates with a RESPTIME of infinity. It
will only ever ack a frame if the poll bit is set. If it receives a
frame without the poll bit set, it won't ack. It waits until either the
frame is sent again with the poll bit set, or until it receives a
supervisory frame with the poll bit set. Exactly which happens depends
on the AX25 implementation at the other end of the link. The result is
that it is horribly slow when used for normal packet.

Unless of course everyone buys a D700... I think you'll find that two
D700s talking to each other work fine, because they set the poll bit on
all frames.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: Kenwood TM-D700 AX Level II...??

From: James Jefferson <jjeffers@deskmedia.com>
Date: Wed, 07 Feb 2001 12:23:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-133654-2001.02.07-12.32.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>twice, it's that it effectively operates with a RESPTIME of infinity. It
>will only ever ack a frame if the poll bit is set. If it receives a
>frame without the poll bit set, it won't ack. It waits until either the

Roger,

Would there be any adverse effect if I always set the poll bit high? What
would other AX.25 implmentations do?

It is incredibly easy to make such changes with the linux kernel!

-James Jefferson KB0THN

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58. [htaprs] Re: TH-D7A(G) and Garmin GPS 100

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Wed, 7 Feb 2001 11:33:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133657-2001.02.07-12.46.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org> writes:

>Perhaps the TH-D7A(G) wants the wpl because, like my little Magellan 300, it
>has a little 'compass' that shows me the distance and direction to other
>APRS stations in its list!
>
>On page 7 of my Enhanced Features manual (my 'g' manual in addition to my
>'a' manual) it shows how I can see the distance (miles or km's) and the
>direction (8-vector compass icon) from the Kenwood's location to the
>location of the station I'm reviewing in its 40-station list.

Actually, it parses that location information from the other guy's
transmitted position string, which might be a $GPRMC or $GPGGA sentence, or a
compressed format from another D7, or a static text string from a fixed
station. Nobody sends out WPL sentences over the air that I've ever heard of
(it can be done, and may indeed have some legitimate uses for example to
monitor the coordination of search and rescue parties to make sure they have
the correct walking instructions. Those could be displayed on APRS maps in
similar fashion to direction finding lines. But there appears to be no
interest in doing this in the greater APRS community).

So the only way a WPL sentence could ever get into your Kenwood is from the
attached GPS, and then only if it happens to be in navigation mode along a
route or towards any single waypoint.

The Kenwood does *generate* WPL sentences, which an attached GPS (if it's one
of the vast majority of models that support it) will accept and create a
waypoint for screen display. That is almost certainly the only relevance of
the WPL sentence in this context.

>One of my thoughts was to use this to track down my good friend Alton
>(n5psp-9 on findu.com) in a sort of APRS fox hunt. For all his radios,
>pager, cell phone and email, sometimes he can be bad about communicating
>with folks. But he almost always has his APRS running in the car!

Um yeah, that's what we're all doing here!

>My Garmin is currently set for only rmc string so I'm going to connect it
>back up to the Kenwood at lunch time (cst) and see if I can find me on
>findu.com after lunch.

That's entirely a matter of your successfully getting a good position packet
to an IGate. Once you can successfully beacon out your current position,
you'll have to get to know your local network - figure out who's the nearest

IGate, and make sure you reach it via however many hops it takes.

73,
Tony KD7TA

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59. [htaprs] Portable digi

From: BMcLarty@trustmark.com
Date: Wed, 7 Feb 2001 14:02:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133676-2001.02.07-14.30.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have lost the bookmark to plans and photos of a digipeater consisting of
a Radio Shack HT, TNC and gel cell battery, all stuffed into PVC pipe. Is
it still out there somewhere?

Thanks,

Bill, KM5GE

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60. [htaprs] Re: Portable digi

From: "Mike Edwards" <medwards@atlantic.net>
Date: Wed, 7 Feb 2001 16:18:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133690-2001.02.07-15.32.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://home.earthlink.net/~wa8inz/

Mike KE4YGT

From: <BMcLarty@trustmark.com>

> I have lost the bookmark to plans and photos of a digipeater consisting of
> a Radio Shack HT, TNC and gel cell battery, all stuffed into PVC pipe. Is
> it still out there somewhere?

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61. [htaprs] Kenwood TH-D7A

From: "Steve J Grudzinski" <sgrudzinski@lycos.com>
Date: Tue, 06 Feb 2001 12:31:26 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133971-2001.02.08-13.48.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have just bought a Kenwood Th-D7A. Is it worth upgrading to the "G" revision?

Steve
AD6HT

Get your small business started at Lycos Small Business at http://www.lycos.com/business/mail.html

---
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62. [htaprs] Re: Kenwood TH-D7A

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Thu, 8 Feb 2001 14:34:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-133981-2001.02.08-14.49.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve,
On Kenwood's website there is a .pdf that shows the comparison between the
two feature sets.

When I look at them, the G enhancements seem to be pretty extensive. I'd
suggest that it would be well worth a review of their comparison and find
out what the price of the upgrade. My opinion is that the upgrade seems
like a good thing.

Best wishes,
Scott

----- Original Message -----
From: "Steve J Grudzinski" <sgrudzinski@lycos.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, February 06, 2001 2:31 PM
Subject: [htaprs] Kenwood TH-D7A

> I have just bought a Kenwood Th-D7A. Is it worth upgrading to the "G"
revision?
>
> Steve
> AD6HT
>
>
> Get your small business started at Lycos Small Business at
http://www.lycos.com/business/mail.html
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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>

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63. [htaprs] Palm3xe-D7A Desense?

From: JWRZG@aol.com
Date: Sat, 10 Feb 2001 01:06:55 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134277-2001.02.10-00.21.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey folks,
   I'm trying to use my Palm 3xe running PocketAPRS with my Kenwood D7A(g).
I hear strong (full scale on the display) signals on the radio untill I plug
in the PC connector and they all disapear. When I turn off my 3xe, the
signals return. I have run APRS on my IBM laptop using the same cables with
no problem. The 3xe does communicate with the radio ok. (Running a terminal
program on the 3xe - I can get the command prompt and display tnc
parameters.) Oh yeah, It doesn't matter what program is running on the 3xe,
it still wipes out the D7 receive.
     Sounds like RF desense to me! I can't find the strong signal when I tune
up or down with the radio but I know it's out there somewhere!
     Has anyone else out there experienced the same? If so, Have they found a
fix?
Tnx,73,
Jack WA2RZG
jwrzg@aol.com

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64. [htaprs] Radio Shack location file

From: John Gorkos <jgorkos@san-carlos.rms.slb.com>
Date: Sat, 10 Feb 2001 15:44:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134337-2001.02.10-15.57.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All-
  Working on more tiny web pages, and I'd like to add a nation-wide
RadioShack location service. Does anyone have or know how to get a
lat/long coded file of all the Radio Shacks?
  I could use any other files, too, like fast food places, gas stations,
etc. I know there are services on the internet like Yahoo that provide
instant lookups of some of these places, but I just want the raw
lat/lon/place name files. Thanks.

John Gorkos
AB0OO

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: Radio Shack location file

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 10 Feb 2001 17:45:57 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-134340-2001.02.10-17.00.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 10 Feb 2001, John Gorkos wrote:

> All-
>   Working on more tiny web pages, and I'd like to add a nation-wide
> RadioShack location service. Does anyone have or know how to get a
> lat/long coded file of all the Radio Shacks?

The radio shack file is built into every copy of APRSdos regional map
distributions. Emaps, Wmaps, SEmaps, NWmaps, Cmaps and Mmapsxx.zip

Just look in the POS directory.
All of the APRSdata servers also respond to the on-air QDOS query of "RS"
with the location of the nearest one to you...

If people send you any other resource files, lemme know, since we can add
them to all th eAPRSdata servers..

de WB4APR@amsat.org, Bob

APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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66. [htaprs] Sending altitude as text to a D7A(G)

From: "Byon Garrabrant" <byon@mail.com>
Date: Sat, 10 Feb 2001 16:18:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134355-2001.02.10-18.33.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just added the optional ability to send a position beacon as APRS
text rather than MIC-E to TinyTrak II. Unfortunately, I cannot find
the right format to make the altitude decode on the D7A(G).

I have tried:
!1234.56N/12345.67W-123/123 /A=012345
!1234.56N/12345.67W-123/123/A=012345
!1234.56N/12345.67W-123/123 Hello /A=012345
!1234.56N/12345.67W-123/123 /A=012345 Hello

But none seem to work. The position, course, speed, and
comment all get parsed. Can anyone else confirm this? What is
the preferred way to send a ! position with course, speed, altitude,

and comment?

I am sending the above to a dest callsign of APT202 (APRS format,
TinyTrak II, version 0.2) Any comments on that made-up
destination?

I'm guessing I should find the format that works on WinAPRS and
other clients, and just use that, and D7A owners will get no altitude.

Thanks,
Byon

_____
 Byon Garrabrant   N6BG   byon@mail.com

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67. [htaprs] Re: Palm3xe-D7A Desense?

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 11 Feb 2001 12:10:31 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-134432-2001.02.11-06.23.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had same problem with the THD and a Psion3a. It was better when I wrapped
the connecting cable lots of times round a toroid.

Carl GW0TQM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] Questions about portable packet/aprs TH-D7

From: "Paul Weiss" <p_weiss@yahoo.com>
Date: Sun, 11 Feb 2001 17:33:19
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134513-2001.02.11-17.47.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I just bought a TH-D7. Wow what a great little radio. As I travel alot for
business, this will be my main rig and I want to build a complete
APRS/Packet/Satellite system. I have found a good Palm Pilot tracking
program (pocketSAT) and a good APRS program for the Palm also(pocketAPRS).
I'm looking for a few things:

1. A plug-n-play GPS. Meaning a KISS (keep it simple) GPS that I can just
plug in.

2. A Palm Pilot Packet program. (I have searched the internet..no luck)

3. A good dual-band (low amp requirements, so I can run it off a battery)
only when I'm home.

4. A good portable antenna system for the above (must be able to pack
small).

Anyone know of a good website for setup of the TH-D7, also one for a better
understanding of IGATE.

Thank you,

Paul KC7FYQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: Questions about portable packet/aprs TH-D7

From: "Loyd C. Headrick" <kf4ugt@bellsouth.net>
Date: Mon, 12 Feb 2001 00:31:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134553-2001.02.11-23.46.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Paul

try the TAPR website for software
 A good antenna would be the Arrow Antenna from Arrow Antenna Dual Band 2
meters and 70 Cm lightweight and can be taken apart for easy carry.
as for an amp Mirage makes a dual-band one could run off a motorcycle
battery with a mainenance charger attached.

Have fun with the radio and might catch you on one of the sats or packet

Loyd
KF4UGT
Chattanooga Packet Net Manager (kf4ugt-2)
----- Original Message -----
From: "Paul Weiss" <p_weiss@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, February 11, 2001 17:33
Subject: [htaprs] Questions about portable packet/aprs TH-D7

> Hello,
>
> I just bought a TH-D7. Wow what a great little radio. As I travel alot for
> business, this will be my main rig and I want to build a complete
> APRS/Packet/Satellite system. I have found a good Palm Pilot tracking
> program (pocketSAT) and a good APRS program for the Palm also(pocketAPRS).
> I'm looking for a few things:
>
> 1. A plug-n-play GPS. Meaning a KISS (keep it simple) GPS that I can just
> plug in.
>
> 2. A Palm Pilot Packet program. (I have searched the internet..no luck)
>
> 3. A good dual-band (low amp requirements, so I can run it off a battery)
> only when I'm home.
>
> 4. A good portable antenna system for the above (must be able to pack
> small).
>
> Anyone know of a good website for setup of the TH-D7, also one for a
better
> understanding of IGATE.
>
> Thank you,
>
> Paul KC7FYQ
>
> ---
> You are currently subscribed to htaprs as: kf4ugt@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: Questions about portable packet/aprs TH-D7

From: "Walter Dunckel" <walter@radiohound.com>
Date: Mon, 12 Feb 2001 19:57:00 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134732-2001.02.12-22.07.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Anyone know of a good website for setup of the TH-D7

http://www.radiohound.com

Walter

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] Re: D7A/laptop question

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Tue, 13 Feb 2001 23:06:18 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134921-2001.02.13-23.21.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Norm,
The latest version I know of for WinAPRS is 2.4.8, think I downloaded it
from Tapr.

There could be various points of failure:

Hardware:
One question would be is the RS232 port really still working. Can the same
port talk to any other serial device?

Radio/TNC
Another issue could be is the PC/Kenwood connection still working. Can
HyperTerm talk to the TH-D7A(G) TNC?

Windows COMM Stuff:
The Windows comm stuff is not without its own issues. If we eliminate
Windows, can you try a version of DosAPRS and have it work OK?

WinAPRS configuration:
I couldn't get my Kenwood to work with WinAPRS until I got a good
InitVHF.Cfg file to properly set up the Kenwood TNC. Once I did, things got
much better. Can you review the configuration and see any changes?
Additionally, there is a TNC setup that also tries to 'help' configure the
TNC, has it changed?

Eccentricities:
Don't know why, but sometimes I start WinAPRS, and must Close All Ports,
then Open VHF port. This seems to reset something and everything magically
works... Any time I seem to have a communication problem to the Kenwood,
this 'Close/Open' trick seems to get me running again. Does this work for
you?

Best wishes,
Scott
KD5MHM

West Texas Computer Consulting Services, Inc.
Scott D. Johnson, CDP, CSP, CCP
Midland, Texas
----- Original Message -----
From: "norm kluever" <norm.kluever@worldnet.att.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, February 13, 2001 9:08 PM
Subject: [htaprs] D7A/laptop question

> Hi: Am running a D7A/G with laptop with WINAPRS246. I recently changed my
> WINAPRS to run space mode. It would not open the serial port. I then
> switched back to normal Ham op. The serial port will not open under
> WINAPRS. The D7A runs great on stand alone. Any advice?
> Norm-KG0ND
>
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] D7A/laptop question

From: norm kluever <norm.kluever@worldnet.att.net>
Date: Tue, 13 Feb 2001 21:08:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-134911-2001.02.13-21.23.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi: Am running a D7A/G with laptop with WINAPRS246. I recently changed my
WINAPRS to run space mode. It would not open the serial port. I then
switched back to normal Ham op. The serial port will not open under
WINAPRS. The D7A runs great on stand alone. Any advice?
Norm-KG0ND

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Physical layer protocol

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 14 Feb 2001 12:19:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135022-2001.02.14-11.29.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for reference material regarding the physical layer for APRS;
bit times, frequency shift, etc. Has anyone seen a book or know of a link
to this kind of information? The AX.25 spec doesn't cover it.

I'd like the same information for 9600 baud.

Regards
Rich - KE1EV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Cheep gps engine

From: "Steve J Grudzinski" <sgrudzinski@lycos.com>
Date: Wed, 14 Feb 2001 13:33:47 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135084-2001.02.14-15.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for a gps engine to use with a tracker.

Thanks
Steve
AD6HT

Get your small business started at Lycos Small Business at http://www.lycos.com/business/mail.html

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] APRS call sign with slash /

From: "Gerald Ruderman" <herman_toong@hotmail.com>
Date: Wed, 14 Feb 2001 21:30:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135123-2001.02.14-21.44.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I tried out my TH-D7A(G) on a trip to Europe. I was unable to enter the
slash after the call sign for the country I was visiting, e.g. F/KB1FWS.
Any suggestions on how to do this in the future.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] RE: APRS call sign with slash /

From: AE5PL <HamLists@ametx.com>
Date: Wed, 14 Feb 2001 22:02:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135126-2001.02.14-22.17.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a visit to Germany last year, I figured out how to do it. The call sign for the TH-D7A should be your normal call sign (in my case it was AE5PL-7). In the status text, enter the proper call sign identification for the country you are visiting (in the case of my trip to Germany, I entered "DL/AE5PL/P" as required by the CEPT agreement (and, of course, I carried my license and FCC Public Notice DA 99-2344). Finally, I turned on status for every transmission (1/1). The CEPT agreement specifies how your callsign will appear, not where. This caused every packet that I transmitted to be properly identified.

Very legal and very efficient method of meeting the requirements.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Gerald Ruderman [mailto:herman_toong@hotmail.com]
Sent: Wednesday, February 14, 2001 9:35 PM
To: HT
Subject: [htaprs] APRS call sign with slash /

I tried out my TH-D7A(G) on a trip to Europe. I was unable to enter the slash after the call sign for the country I was visiting, e.g. F/KB1FWS. Any suggestions on how to do this in the future.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] RE: APRS call sign with slash /

From: "Paul E. Knupke, Jr." <pk@ij.net>
Date: Wed, 14 Feb 2001 23:04:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135127-2001.02.14-22.20.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can't be done as a slash is not permitted in TAPR TNC-2 specifications as part of the callsign.

Just put F/<call> (or whatever the proper prefix is for the country you are in) in the status text is the best that can be done.

When I was in Canada last summer I just put /VE3 in the status of my D7.

(Sidenote: My N4PK vanity callsign was issued while I was in Canada on vacation so I tracked to my destination as KR4YL-8 and tracked back as N4PK-8 .... kinda odd..)

73
Paul
N4PK

> -----Original Message-----
> From: bounce-htaprs-3730@lists.tapr.org
> [mailto:bounce-htaprs-3730@lists.tapr.org]On Behalf Of Gerald Ruderman
> Sent: Wednesday, February 14, 2001 9:30 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] APRS call sign with slash /
>
>
> I tried out my TH-D7A(G) on a trip to Europe. I was unable to enter the
> slash after the call sign for the country I was visiting, e.g. F/KB1FWS.
> Any suggestions on how to do this in the future.

>
> ---
> You are currently subscribed to htaprs as: PK@IJ.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Re: APRS call sign with slash /

From: Roger Barker <roger@peaksys.co.uk>
Date: Thu, 15 Feb 2001 08:55:04 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135176-2001.02.15-03.10.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-135123-2001.02.14-21.44.42--roger#peaksys.co.uk@lis
ts.tapr.org>, Gerald Ruderman <herman_toong@hotmail.com> writes
>I tried out my TH-D7A(G) on a trip to Europe. I was unable to enter the
>slash after the call sign for the country I was visiting, e.g. F/KB1FWS.
>Any suggestions on how to do this in the future.

AX25 callsigns consist of one to six upper case letters or numbers, with
an optional SSID of 0 to 15. So you can't put in a '/'. Just use your
normal callsign, and put F/KB1FWS in your beacon comment and/or in your
status text.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] RE: APRS call sign with slash /

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 15 Feb 2001 07:33:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135187-2001.02.15-06.48.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: AE5PL
> Sent: Wednesday, February 14, 2001 23:03 PM

     [snip]

> In a visit to Germany last year, I figured out how to do it.
> The call sign for the TH-D7A should be your normal call
> sign (in my case it was AE5PL-7). In the status text, enter
> the proper call sign identification for the country you are
> visiting (in the case of my trip to Germany, I entered
> "DL/AE5PL/P" as required by the CEPT agreement (and, of
> course, I carried my license and FCC Public Notice DA
> 99-2344). Finally, I turned on status for
   [snip]

  We have been through this any number of times and it always seems that
there are those who seem to overlook the fact that the "?" prefixing and
suffixing is completely superfluous if you are also transmitting your
coordinatesas well. That more clearly shows where you are operating
portable than any prefix and saves you the trouble of chnaging it when
you cross the border.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] Re: Cheep gps engine

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Thu, 15 Feb 2001 08:46:28 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-135272-2001.02.15-11.01.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 15 Feb 2001, Michael Martens wrote:

> How cheap so you want to go? Delorme has reconditioned
> tripmates for $50.00. (www.delorme.com). They run off
> of batteries, but there are plans floating around to
> convert them to 12v power. Rand McNally has a GPS
> engine for $79 (add $13.00 for a power cable)
> www.randmcnally.com.
>
> Otherwise the next cheapest is the Garmin Etrex at
> $114 - $119. You will need a data/power cable for
> $38.00.

You can also buy the Purple Computing connectors for Garmins and save
money on the cable. I think their cables are outrageously expensive.

Deals I've come across in the past: Aisin-Seiko GPS boards with
amplified antennas for $20. Trimble SV6 GPS boards (no antennas) for
$20. Trimble SV6 GPS boards with amplified antennnas for $50. Look
around the 'net and you might find some deals. I like my Trimble
boards. All of these options require work to repackage and supply
power to them.

If you're looking for something that will turn on/off with vehicle
power you might also consider the Garmin GPS-35 all-in-one unit.
Give it power and it spits out NMEA sentences. Weatherproof housing
(but be wary of the supplied mounting screws which will corrode).
This is not the cheapest option but is IMHO the best.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] RE: APRS call sign with slash /

From: AE5PL <HamLists@ametx.com>
Date: Thu, 15 Feb 2001 06:51:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135188-2001.02.15-07.05.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Your statement is true about location identification. However, regulations
for station identification are VERY clear and don't mention lat/long as an
acceptable identification of the station. CEPT states "When transmitting in
the visited country the license holder must use his national call sign
preceded by the CEPT call sign prefix as indicated below. The CEPT call sign
prefix and the national call sign must be separated by the character "/"
(telegraphy) or the word "stroke" (telephony). For a mobile amateur radio
station the national call sign must be followed by the characters "/M"
(telegraphy) or the word "mobile" (telephony). For a portable amateur radio
station the national call sign must be followed by the characters "/P"
(telegraphy) or the word "portable" (telephony)."

There is no ambiguity here. Your call sign with lat/long is NOT an
acceptable means of identification. The same holds true with the
requirements for travel to IARP countries: "IARP Station identification.
When the station is transmitting under the authority of an IARP, an
indicator consisting of the appropriate letter-numeral designating the
station location must be included before, after, or both before and after
the call sign issued to the station by the licensing country. At least once
during each intercommunication, the identification announcement must include
the geographical location as nearly as possible to the city and state,
commonwealth or possession of the station operation. An example of station
identification under IARP by a US Amateur Operator while traveling in or
near Lima Peru might be, "this is OA1/W1XYZ, near Lima Peru". Or on CW, "de
OA1/W1XYZ nr Lima Peru".". Here, lat/long might take care of the
geographical location, but you still must use the country prefix.

Finally, with regards to Canada, the agreement states "Under the terms of
the agreement, the visitor should give his or her call sign and location,
e.g. VE3FRS/W9 or N9CFX/VE3. However, it is unlikely that anyone would
complain if the form VE3/N9CFX were used." Again, country prefixes are
required.

While I agree that it seems redundant, country specific identification is
still the regulation.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Brian B. Riley [mailto:brianbr@macconnect.com]
Sent: Thursday, February 15, 2001 6:34 AM
To: HT
Subject: RE: [htaprs] RE: APRS call sign with slash /

  We have been through this any number of times and it always seems that
there are those who seem to overlook the fact that the "?" prefixing and
suffixing is completely superfluous if you are also transmitting your
coordinatesas well. That more clearly shows where you are operating
portable than any prefix and saves you the trouble of chnaging it when
you cross the border.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

82. [htaprs] Re: Cheep gps engine

From: Michael Martens <kb9vbr@yahoo.com>
Date: Thu, 15 Feb 2001 09:50:30 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-135289-2001.02.15-12.05.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I guess it all boils down to price versus conveinence.
I forgot about the Purple connectors; brewing your own
cables defineately brings the price down. There are
inexpensive GPS engines out there, either available as
OEM parts or as surplus, you just have to go out and
dig around for them.

The Garmin GPS-35 is a great all in one device,
although its kind of pricey for what it does. One of
the schools our club works with has one, and it works
great. The Rand McNally or Tripmate, while not
weatherproof, are a lot more accessible on the price
scale. It all really depends on how comfortable you
are with homebrewing your own equipment and
connectors.

Michael
KB9VBR

--- "Curt Mills, WE7U" <hacker@tc.fluke.com> wrote:
> You can also buy the Purple Computing connectors for
> Garmins and save
> money on the cable. I think their cables are
> outrageously expensive.
>
> Deals I've come across in the past: Aisin-Seiko GPS
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> boards. All of these options require work to
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> If you're looking for something that will turn
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> Give it power and it spits out NMEA sentences.
> Weatherproof housing
> (but be wary of the supplied mounting screws which
> will corrode).
> This is not the cheapest option but is IMHO the
> best.
>
> Curt Mills, WE7U
> hacker.NO_*SPAM@tc.fluke.com
> Senior Methods Engineer/SysAdmin
>

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] Is the WHOIS service from John Gorkos up and running?

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 15 Feb 2001 14:34:55
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135332-2001.02.15-14.49.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been trying unsuccessfully to get the response from this to gate
back to RF.

Then I checked on http://findu.com/cgi-bin/msg.cgi?whois

and noticed there have been no responses back since 2/10

I know this stuff is soley experimental, I was just wondering when I could
begin my testing again.

Thanks,

Randy
K1RTV Harpers Ferry, WV
Eastern Panhandle of WV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] RE: APRS call sign with slash /

From: "Peter Loveall" <HamLists@ametx.com>
Date: Thu, 15 Feb 2001 14:36:26
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135334-2001.02.15-14.50.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

While the comments about lat/long showing where you are more accurately
than a country prefix are true, the regulations are the regulations. When
an amateur operator operates in ANY country in ANY mode, the operator MUST
obey ALL of the regulations regarding that operation.

Specific to this conversation, all international reciprical licensing
agreements, including CEPT and IARP, require specific identification
formats. Just because the APRS (and for that matter, any packet) protocol
does not allow for level 2 identification which meets international
requirements, it does not exempt us from properly identifying our stations.
 The method described of putting the properly formatted ID into the comment

field of an APRS packet does meet the identification requirements of
virtually every international agreement. If you wish to learn more about
international operation, please visit
http://www.arrl.org/FandES/field/regulations/io/ .

I would like to end this thread at this time as it no longer has anything
to do with the intent of the HT thread. It migh be a good one to pick up
on the SIG list or on the APRS specification list. I believe that we have
done a good job of providing Gerald with a simple method for sending a
proper ID when traveling internationally with a TH-D7A(G).

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] Re: Cheep gps engine

From: Michael Martens <kb9vbr@yahoo.com>
Date: Thu, 15 Feb 2001 08:33:18 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135269-2001.02.15-10.47.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve,

How cheap so you want to go? Delorme has reconditioned
tripmates for $50.00. (www.delorme.com). They run off
of batteries, but there are plans floating around to
convert them to 12v power. Rand McNally has a GPS
engine for $79 (add $13.00 for a power cable)
www.randmcnally.com.

Otherwise the next cheapest is the Garmin Etrex at
$114 - $119. You will need a data/power cable for
$38.00.

If you are mounting the unit in a vehicle, check out
the first two options, otherwise the Etrex is a great,
little unit to use for APRS.

Michael
KB9VBR

--- Steve J Grudzinski <sgrudzinski@lycos.com> wrote:
> I am looking for a gps engine to use with a tracker.
>
> Thanks
> Steve
> AD6HT
>
>
> Get your small business started at Lycos Small
> Business at http://www.lycos.com/business/mail.html
>
> ---
> You are currently subscribed to htaprs as:
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> To unsubscribe send a blank email to
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> Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>

_____
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] Looking for a cheap GPS for my TH-D7(G)

From: "Paul Weiss" <p_weiss@yahoo.com>
Date: Thu, 15 Feb 2001 19:22:6

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135358-2001.02.15-19.36.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im looking for a cheap GPS that will plug and play with my D7 ht. I am
mainly looking for one that will provide the radio with the info. If there
is one out there that will also provide me with maps while I travel thats
even better. The other requirements I have are very long battery life
(since this is for a portable setup) and easy of setup (no messy cables
everywhere, must be small too)

Thanks,

73's Paul KC7FYQ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] RE: Looking for a cheap GPS for my TH-D7(G)

From: AE5PL <HamLists@ametx.com>
Date: Fri, 16 Feb 2001 06:00:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135422-2001.02.16-06.14.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Garmin Etrex (lists for $129). Runs on 2 AA's. A single set of
Alkalines will last 2 to 3 days of standard use. I use NiMH rechargeables
and take a set in the Etrex and a spare set and that usually lasts me a week
of normal use. One way to improve battery life is to only have the GPS
turned on when you are moving and then download your current position into
the D7 when you are at a fixed location.

Garmin is introducing a couple of models of the Etrex (for substantially
more money, I am sure) that have full mapping capability. I don't have any
more info on those except for what can be found on the Garmin site.

I have used the Etrex in the US and in Europe with great results. I have
used it mobile, aero mobile, equine mobile, and pedestrian mobile with no
problems (aero mobile is when I am the pilot in my own plane). Southwest
Airlines allows GPS receivers (no D7) on their flights and it did an
excellent job of tracking a flight on the west coast from a window seat
(most airlines do NOT allow GPS receivers on during flight).

It is smaller than a pack of cigarettes, water proof, and very light. It
has a nice LCD display and is easy to set up. I recommend making the cable
(or purchasing, though that can be expensive) to connect the Etrex to the
Kenwood and also a cable to connect the Etrex to the PC so you can update
the firmware. You can also use the PC cable to use it with PC based APRS
software. I connect a Palm Pilot to the PC port of the D7 and the Etrex to
the D7, put the D7 in packet mode, and then I have a full use and simple
pocketAPRS station with full mapping capability.

Of course, I also use just the Etrex connected to D7 in APRS mode with great
results, as well.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Paul Weiss [mailto:p_weiss@yahoo.com]
Sent: Friday, February 16, 2001 5:24 AM
To: HT
Subject: [htaprs] Looking for a cheap GPS for my TH-D7(G)

Im looking for a cheap GPS that will plug and play with my D7 ht. I am
mainly looking for one that will provide the radio with the info. If there
is one out there that will also provide me with maps while I travel thats
even better. The other requirements I have are very long battery life
(since this is for a portable setup) and easy of setup (no messy cables
everywhere, must be small too)

Thanks,

73's Paul KC7FYQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: Looking for a cheap GPS for my TH-D7(G)

From: Michael Martens <kb9vbr@yahoo.com>
Date: Fri, 16 Feb 2001 06:44:31 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-135456-2001.02.16-08.59.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Looking at your requirements, I recommend something
like the Garmin Etrex or Emap. Both are small and
lightweight. The Etrex is extremely small (about the
size of a bar of soap). The Emap, while a little
bigger, has the advantage of travel maps. Both devices
have a pretty good battery life. I use my Etrex for
APRS, and while the specs state a 20 hour battery life
on 2 AA batteries, I find that I get about 8-9 hours
with the unit in NMEA mode on fresh batteries.

I tried NiMh rechargable batteries, but got about 6
hours on a charge, I think the lower voltage of the
NiMH affects the run time of the Etrex.

Cheap interface plugs and cables can be found at
www.pfranc.com.

You won't find a portable unit smaller than the Etrex.
Good luck and happy GPS'ing

Michael
KB9VBR

--- Paul Weiss <p_weiss@yahoo.com> wrote:
> Im looking for a cheap GPS that will plug and play
> with my D7 ht. I am
> mainly looking for one that will provide the radio
> with the info. If there
> is one out there that will also provide me with maps
> while I travel thats
> even better. The other requirements I have are very
> long battery life
> (since this is for a portable setup) and easy of
> setup (no messy cables
> everywhere, must be small too)
>
> Thanks,
>
> 73's Paul KC7FYQ
>
> ---
> You are currently subscribed to htaprs as:
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> Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>

_____
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Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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89. [htaprs] RE: APRS call sign with slash /

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 16 Feb 2001 10:23:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-135487-2001.02.16-10.38.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>There is no ambiguity here. Your call sign with lat/long is NOT an
>acceptable means of identification

I believe that the statement meant that the proper callsign would appear in
the comment field of the text of the position report as in (from the TNC
output).

KD5KGR-7:APJEAP,VE3XYZ*,WIDE3-2:@1720.13S/09634.12EvOA1/KD5KGR/P

which clearly provides the needed information for callsign structure. More
information could be included in the comment to handle IARP's requirement for
indicating location using descriptive names.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

90. [htaprs] Garmin firmware upgrade.

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 16 Feb 2001 13:42:13 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135568-2001.02.16-15.57.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- AE5PL <HamLists@ametx.com> wrote:
> I use the Garmin Etrex (lists for $129). Runs on 2
> AA's. A single set of
> Alkalines will last 2 to 3 days of standard use. I

This reminds me to remind all eTrex owners (other
Garmins too, probably) to go to the Garmin site to
download a new version of the firmware periodically.
Mine was several versions behind and there are many
improvements available now. You will need the PC cable
to install, of course.

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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91. [htaprs] Using Duplexer with D700

From: Jack Chomley <chomley@telelink.com.au>
Date: Sat, 17 Feb 2001 21:58:12 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135640-2001.02.17-06.10.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Listers,

I purchased a Diamond MX-72 Duplexer for use on my D700. The idea
being to have seperate 2m and 70cm antennas on my mobile, connected
to the antenna socket on the D700. The Diamond connection diagram
shows it for connecting seperate 2m and 70cm radios to the 1 antenna.
Can it be used the way I want it? sort of like reverse to the suggested
hookup? If so, will the through loss be substantial?

'Clueless' Jack
VK4JRC

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92. [htaprs] Windows CE APRS

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Sat, 17 Feb 2001 07:30:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135646-2001.02.17-06.45.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where can I find APRS Software for my HP Jornada 548? Information on
cabling it to my THD7 would also be helpful.
Thanks
Dave WB2UTQ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Re: Windows CE APRS

From: "Mark A. Foley" <na4v@hom.net>
Date: Sat, 17 Feb 2001 08:28:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135652-2001.02.17-07.44.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can get the software at: http://www.tapr.org/~aprsce/

To connect to the D7, (if you you the stadard sync cable) you will need a
null modem in line...
Mark, NA4V
----- Original Message -----
From: "David Zobel" <dzobel1@rochester.rr.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, February 17, 2001 7:30 AM
Subject: [htaprs] Windows CE APRS

> Where can I find APRS Software for my HP Jornada 548? Information on
> cabling it to my THD7 would also be helpful.
> Thanks
> Dave WB2UTQ
>
>
> ---
> You are currently subscribed to htaprs as: na4v@hom.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Re: Using Duplexer with D700

From: "Mark Turner" <mark@kram.org>
Date: Sat, 17 Feb 2001 20:55:42 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135696-2001.02.17-15.09.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jack said....
>
> Can it be used the way I want it? sort of like reverse to the suggested
> hookup? If so, will the through loss be substantial?

Yes you can use duplexers either way round, and I've done so several times.

I believe the loss is the same in each direction and in my experience isn't
large enough to worry about unless you're looking for really weak signals.

Cheers,

Mark.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] info

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Sun, 18 Feb 2001 07:56:45 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "aprs world" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135702-2001.02.17-16.12.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

GOLD COAST AMATEUR RADIO SOCIETY NEWS

Art VK4GO took lots of good digital piccies at last weeks WIAQ general meeting, check out the web page http://www.winshop.com.au/allied

Art, will, during March travel around the country Japan together with XYL Tomomi VK4ZGO and try to be APRS Mobile\Portable from Tokyo, Yokohama, Osaka, Saporro and Nagasaki if he gets his JA Licensee on time!

Also APRS wise from Art and the Gold Coast Club, all going ok they'll have up and running a new APRS Digipeater on Mt-Tamborine Eagle-Heights in April. This is a top location with a good coverage to the coast and hinterland, gear will be donation by VK4YHN & VK4GO (http://www.winshop.com.au/vk4go)

Name : Art.van.Esch
Url : http://www.winshop.com.au/vk4go
location : Surfers-Paradise
Country : Australia 4217
Callsign : VK4GO
ICQ : 139612

96. [htaprs] Re: Low audio on xmit with D700?

From: "James Jefferson" <jjeffers@deskmedia.com>
Date: Sat, 17 Feb 2001 16:23:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-135705-2001.02.17-16.38.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The men and women on my repeater are always telling me my D700 xmit audio is way too low. They aren't happy until I'm almost yelling into the mike - and then I'm not happy! Other D700 users in the area sound just fine, however.

Is there an audio drive pot in the rig? Are the people that are experiencing problems using the microphone extension? I am using a CAT5 coupler and a patch cord on my rig. My friend is using a similar setup except with a much longer patch cord, and he is having no problems!

-Jim Jefferson KB0THN

> A few weeks ago someone posted a query here about having reports of low
> audio level on transmit with his D-700. I don't believe he got much of a
> response. I sent a reply off the sig becuase I had heard it happen with a
> local D-700 user, and had reports of it happening with *my* rig.
>
> I wonder just how often this is happening? It seems to be an intermittant
> problem. Sometimes the audio level is ok, sometimes it is low. To
> complicate matters, it has been my experience that when amateurs hear a
> station with "less than optimum" signal THEY QUITE OFTEN DON'T TELL THE
> OPERATOR that he may have a problem. I've heard this happen on the local
> repeater time, and time again. My point is .... that this "low audio"

> problem may be more common than we think. Just becuase no one has told
you
> it was happening on your signal does not mean you don't have the
problem!
>
> Richard Amirault   N1JDU
Boston,
> MA, USA
> www.erols.com/ramirault   "Go Fly A Kite"
>
>
> ---
> You are currently subscribed to htaprs as: jjeffers@deskmedia.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] Re: Low audio on xmit with D700?

From: "Richard Amirault" <ramirault@erols.com>
Date: Sat, 17 Feb 2001 19:35:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-135728-2001.02.17-18.50.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not using any extention of any kind. On me, it seems to be an
intermittant condition. There is a MENU (software) adjustment. You need to
get into the SERVICE MODE: see

http://www.mods.dk/mods.php3?model=tm-d700&radio=kenwood#1495

I haven't tried it yet. If it is an 'intermittant' condition than raising
the 'normal' level will not stop it from going low at times.

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----
From: "James Jefferson" <jjeffers@deskmedia.com>
Subject: Re: [htaprs] Low audio on xmit with D700?

> Is there an audio drive pot in the rig? Are the people that are
> experiencing problems using the microphone extension? I am using a CAT5
> coupler and a patch cord on my rig. My friend is using a similar setup
> except with a much longer patch cord, and he is having no problems!

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] Low audio on xmit with D700?

From: "Richard Amirault" <ramirault@erols.com>
Date: Sat, 17 Feb 2001 16:29:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135698-2001.02.17-15.44.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few weeks ago someone posted a query here about having reports of low
audio level on transmit with his D-700. I don't believe he got much of a
response. I sent a reply off the sig becuase I had heard it happen with a
local D-700 user, and had reports of it happening with *my* rig.

I wonder just how often this is happening? It seems to be an intermittant
problem. Sometimes the audio level is ok, sometimes it is low. To
complicate matters, it has been my experience that when amateurs hear a

station with "less than optimum" signal THEY QUITE OFTEN DON'T TELL THE
OPERATOR that he may have a problem. I've heard this happen on the local
repeater time, and time again. My point is .... that this "low audio"
problem may be more common than we think. Just becuase no one has told you
it was happening on your signal does not mean you don't have the problem!

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

99. [htaprs] n7tsz CRAIG !!

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 17 Feb 2001 18:59:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135747-2001.02.17-21.14.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey i saw your post, send me some e mail so i can stay in touch

tried properties but your e mail was not there so glad you posted on the
sig.

73
steve scott   kd8s@skylink.net

click on this link to find me   http://map.findu.com/kd8s-7   or   go
here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

100. [htaprs] Re: Kenwood D700 Programming Software in Win NT

From: BordingK@aol.com
Date: Sun, 18 Feb 2001 10:41:00 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135817-2001.02.18-09.55.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm getting a lot of responses saying to set the set value to 5 kHz, but we
had tried that and the software still rounded 146.76 to 145.995 ONLY on the
NT machine. The two W98 machines work correctly.

Thanks in advance.

DE W5KNB
Ken

101. [htaprs] WHOIS Server restored

From: John Gorkos <jgorkos@slb.com>
Date: Sun, 18 Feb 2001 13:52:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135861-2001.02.18-14.06.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After 5 days of downtime to a STUPID coding error, the Whois server is back
online and answering queries.

Additionally, a new LOCATE function has been added. The query format is the
same: send an APRS message to LOCATE with a callsign as the msg body, and
you will receive a Findu-style position report. For example:
MSG TO: LOCATE
BODY: AB0OO-3

RESPONSE: AB0OO-14:8.30 mi NW of OLATHE,KS (0D00h08m25s)
I _try_ to fit it all into 40 chars for the D7 users.

Additionally, I have an EMAIL service that works the same way, intended
mainly for PCS/SMS phone use. Send EMAIL to
aprs@ab0oo.tzo.com
the subject line is ignored, and the body of the message may contain ONE
query in the form of either
locate <call>
 - or -
whois <call>

I have the Canadian callsign database online now. If anyone has any
suggestions for how they do differential updates of the FCC database versus
completely downloading the entire thing once per week, please let me know.
Also, I would be happy to add additional countries to the whois server. Now
that the AA battery question has been answered, can someone tell me if Her
Majesty's government has their ham radio callsign database online?

I hope to have the satellite prediction server on line in the next week or
so. I am dissasembling N3EMO's orbit code for use in a query/response
server. With the loss of SO-35, the pressing reason to get it up and working
has gone away... Also, queries to Radio Shack about a global Rat Shack
location file have come back negative. To their knowledge, no such list
exists. The fact that they have a zip-code based store locator on their
web-page seems to contradict this, but I got nowhere when I pointed this out.

Finally, I appreciate bug reports and usage reports of the igate server
functions.   I have made some fundamental changes in the way the query tool
talks to the server, so any additional feedback is appreciated. Hopefully,
the new changes will speed things up. If you send a query and NEVER get a
response, please email me.

Thanks.
John Gorkos
AB0OO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] TM-D700A to a mac

From: Jim Richardson <jtprah@jamadots.com>
Date: Sun, 18 Feb 2001 12:09:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135830-2001.02.18-11.23.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've picked up a 700a and can't get my mac to recognize the tnc. It seems to
be the cabling that is wrong. Does and one have the exact configuration of
Min din 8 to db9?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

103. [htaprs] Re: Windows CE APRS

From: Carl Littlejohns <carl_mail@dr.com>
Date: Sun, 18 Feb 2001 17:14:51 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-135832-2001.02.18-11.28.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

www.tapr.org/~aprsce/

and try mailing to

hampocket-subscribe@yahoogroups.com

and look at

http://you.genie.co.uk/carl.littlejohns/aprs.htm

Carl.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] Kenwood D700 Programming Software in Win NT

From: BordingK@aol.com
Date: Sun, 18 Feb 2001 08:19:34 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: RangerRJM@aol.com
Message-ID: <LYR845-135810-2001.02.18-07.34.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I was helping KG4JLA install his shiny new D700 yesterday and we had the
Kenwood (version 1.0) D700 memory programming software installed on my Win98
Laptop and his Win NT laptop.

I needed to correct a programming error for the 146.76 repeater that I
accidentally had programmed for 146.75.

In the version on NT I entered 146.76 and go a message that the FREQ was
being rounded to 145.995! I tried it a dozen times and it did it every time.
 Any FREQ edited on the NT platform rounded to 145.995.

Both his older W98 and my W98 Laptops worked fine, but the NT machine was
taking things into it own hands and rounding to 145.995.

Is there a bug that I missed info on when running this program on an NT
platform?

Thanks in advance.

DE W5KNB
Ken

105. [htaprs] Thoughts of a J-Pole

From: "Paul Weiss" <p_weiss@yahoo.com>
Date: Mon, 19 Feb 2001 8:23:36
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-135998-2001.02.19-08.38.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

Last night I made my first UO-14 contact. I live in an apartment so am
limited on antennas. I am using a THD7 with a Dual-Band Rollup J-Pole from
Antennas West. This antenna seems to listen pretty good for being an indoor
antenna.

I think I will get more power to get through the pile ups. I was going to
indoor mount an Arrow. With the J-Pole I can hear pretty good and with more
power get through.

I remember years ago see a Pac-Sat J-Pole in the Arrl handbook, it was dual
band with on above the other. Any ideas or links?

I'm going to feed the J-Pole through a 10' PVC pipe so I can put it on the
balcony and try to get above the roof. I will use a t connector for the
feed just passed the bottom of the twin-lead. This should get the feed line
level with the alu gutters a past most of the roof.

Any thoughts on this antenna or any other portable indoor antennas.

Thanks,

Paul KC7FYQ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] Frequency List

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Mon, 19 Feb 2001 13:02:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136046-2001.02.19-12.17.09--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Is there a reasonably complete list of all of the APRS related frequecies
somewhere?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] Computer/ THD7A

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 19 Feb 2001 23:57:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136191-2001.02.20-00.13.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm having trouble connecting my computer to my D7. The D7 is in the
packet mode - not APRS. When I connect the computer to the D7 computer
port and run Procomm, the Procomm screen just keeps filling up with:
cmd:?too long
cmd:?too long
cmd:?too long
cmd:?too long
.
.
.
Any ideas? Procomm is set to 9600,N,8,1
either full or half duplex do the same thing
A couple times I got PORTOUT WAS $0000
Also I saw a couple packets get displayed.

Skip
K9SA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] Re: WHOIS Server restored

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Tue, 20 Feb 2001 7:45:46
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136234-2001.02.20-08.00.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi John,

Just want to grant you thanks for all that you have done thus far.

The email feature is pretty neat.

I tend to do a little coding myself and believe me I know the amount of
timeit takes to design, test and implement any software.

Great job,

Thanks again

Randy R. Creller
K1RTV Harpers Ferry, WV

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

109. [htaprs] Re: Low audio on xmit with D700?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Tue, 20 Feb 2001 09:30:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136252-2001.02.20-08.42.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same problem with mine. My antenna is mounted fairly close to the
radio; about 4 feet. It turned out to be feedback from the antenna to the
mic cord. Somehow, the mic cord picks up RF and desensitizes the mic audio

circuit. I fixed it by putting a ferrite on the mic cord; purchased from
Radio Shack for about $9. I also experienced other bizarre behavior. Hope
this fixes it.

Regards
Rich

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of James Jefferson
Sent: Saturday, February 17, 2001 5:24 PM
To: TAPR Hot Technology APRS
Cc: htaprs@lists.tapr.org
Subject: [htaprs] Re: Low audio on xmit with D700?

The men and women on my repeater are always telling me my D700 xmit
audio is way too low. They aren't happy until I'm almost yelling into
the mike - and then I'm not happy! Other D700 users in the area sound
just fine, however.

Is there an audio drive pot in the rig? Are the people that are
experiencing problems using the microphone extension? I am using a CAT5
coupler and a patch cord on my rig. My friend is using a similar setup
except with a much longer patch cord, and he is having no problems!

-Jim Jefferson KB0THN

> A few weeks ago someone posted a query here about having reports of
low
> audio level on transmit with his D-700. I don't believe he got much
of a
> response. I sent a reply off the sig becuase I had heard it happen
with a
> local D-700 user, and had reports of it happening with *my* rig.
>
> I wonder just how often this is happening? It seems to be an
intermittant
> problem. Sometimes the audio level is ok, sometimes it is low. To
> complicate matters, it has been my experience that when amateurs hear
a
> station with "less than optimum" signal THEY QUITE OFTEN DON'T TELL
THE
> OPERATOR that he may have a problem. I've heard this happen on the
local
> repeater time, and time again. My point is .... that this "low audio"
> problem may be more common than we think. Just becuase no one has told
you
> it was happening on your signal does not mean you don't have the
problem!
>
> Richard Amirault   N1JDU
Boston,
> MA, USA
> www.erols.com/ramirault   "Go Fly A Kite"
>
>
> ---
> You are currently subscribed to htaprs as: jjeffers@deskmedia.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: rcarter@isi.com
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

110. [htaprs] TM-D700 Whine

From: Marc D Smith <mdsmith@tir.com>
Date: Tue, 20 Feb 2001 09:56:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136258-2001.02.20-09.16.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone, I know this is a little off the APRS topic, but it does
have a lot to do with a TM-D700.

I bought a TM-D700 last August. I love the radio. I use the aprs
digi-peater all the time when I go up north (in Michigan). However,
several months ago I began receiving signal reports that there was a
"whine" on my signal. The problem is, it's intermittent. It may happen
several times in one day, and not happen again for 2-3 weeks. The whine
has been described to me as sounding like a "dieing drill" or a "theramin
from scary movies in the 50's and 60's."

A couple months ago, one of my ham friends said he heard the same noise
while talking to someone else and asked him what radio he was using. He
was using a TM-D700 also. So I was wondering if anyone on this list has
had a similar experience or if this is unique to my radio. I emailed
Kenwood and they said "We haven't heard of that before...send it in for
warranty repair."

I hope this isn't too far off topic but I figured this would be the best
place to reach the most people who use the same radio.

Marc Smith - kc8ort

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] Re: TM-D700 Whine

From: Don Nelsch <dnelsch@neo.rr.com>
Date: Tue, 20 Feb 2001 14:50:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136337-2001.02.20-14.05.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My experience has been that when there is a whine on a transmitted radio
signal, you will need to check your alternator diodes! A bad one or perhaps
a bad cell in your battery, causing a heavy load on the alternator will cause
that problem. The up and down pitch of the whine is the relative speed of
the alternator.

Good luck!

Don, K8EIW

Marc D Smith wrote:

> Hello everyone, I know this is a little off the APRS topic, but it does
> have a lot to do with a TM-D700.
>
> I bought a TM-D700 last August. I love the radio. I use the aprs
> digi-peater all the time when I go up north (in Michigan). However,
> several months ago I began receiving signal reports that there was a
> "whine" on my signal. The problem is, it's intermittent. It may happen
> several times in one day, and not happen again for 2-3 weeks. The whine
> has been described to me as sounding like a "dieing drill" or a "theramin
> from scary movies in the 50's and 60's."
>
> A couple months ago, one of my ham friends said he heard the same noise
> while talking to someone else and asked him what radio he was using. He
> was using a TM-D700 also. So I was wondering if anyone on this list has
> had a similar experience or if this is unique to my radio. I emailed
> Kenwood and they said "We haven't heard of that before...send it in for
> warranty repair."
>

> I hope this isn't too far off topic but I figured this would be the best
> place to reach the most people who use the same radio.
>
> Marc Smith - kc8ort
>
> ---
> You are currently subscribed to htaprs as: dnelsch@neo.rr.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] Re: TM-D700A to a mac

From: Robert Winingham <kc5ejk@onramp.net>
Date: Tue, 20 Feb 2001 14:06:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136338-2001.02.20-14.20.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I've picked up a 700a and can't get my mac to recognize the tnc. It seems to
>be the cabling that is wrong. Does and one have the exact configuration of
>Min din 8 to db9?

Radio-Shack

I always keep 25 to 9 pins RS-232 adapters around and a hand full
of (9 pin to 9 pin) null modem adapters and both flavors of gender changers.

Just use a regular Mac modem cable and adapters
- get it working then make a cable.-

Keyspan USB to serial adapter if using a newer Computer.

73
--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

113. [htaprs] Japan Map

From: "Art.van.Esch" <surf@winshop.com.au>
Date: Wed, 21 Feb 2001 09:03:42 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "aprs world" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136373-2001.02.20-17.19.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all Im going to Japan from 1 march -- 29 march and travel from
north to south with the xyl Tomomi VK4ZGO. If possible I will try run
APRS via internet by visiting a few amateurs and promoting UI-View if
I have the time. I make up new   UI-View maps for Japan included street level
map for Tokyo, Yokohama, Osaka you can download from the url

http://www.winshop.com.au/vk4go/japan.zip

Cheers all Art VK4GO & Tomomi VK4ZGO

Name   : Art.van.Esch
Url   : http://www.winshop.com.au/vk4go
location   : Surfers-Paradise
Country   : Australia 4217
Callsign   : VK4GO
ICQ   : 139612

114. [htaprs] Fw: TM-D700 Whine

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Tue, 20 Feb 2001 18:35:25 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136402-2001.02.20-17.47.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Ron Karger AB8DT" <ab8dt@arrl.net>
To: "Marc D Smith" <mdsmith@tir.com>
Sent: Tuesday, February 20, 2001 6:28 PM
Subject: Re: [htaprs] TM-D700 Whine

>
> ----- Original Message -----
> From: "Marc D Smith" <mdsmith@tir.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, February 20, 2001 9:56 AM
> Subject: [htaprs] TM-D700 Whine
>
>
> > a TM-D700. "whine" on my signal. The problem is, it's intermittent.
>
>
> > I emailed Kenwood and they said "We haven't heard of that before...send
it
> in for
> > warranty repair."
> >
> > I hope this isn't too far off topic but I figured this would be the best
> > place to reach the most people who use the same radio.
>
> Well Marc,
> I have the same problem with the intermittent "whine". I noticed mine last
> year and notified Leo Fahmie of Kenwood and got the same reply. So what to
> do , send in the radio and hope they experience the intermittent problem?
> How long will that take? I have not wanted to ship back the radio being
> afraid they will not find any thing wrong and send it back still whining
and
> I am out the shipping and a radio for a few weeks.
> Two of my friends have just picked up new d700 and both of them, Carl
N8AJE
> and Chris KC8MIL have the same symptoms. So now we know of four of us
> experiencing this problem...how many more are their?
> I think Kenwood should keep track of user inquiries and not say they have
> not herd of this before and address this problem.
>
> Ron Karger AB8DT
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] GPS sentences

From: Robert Hull <rhull@NMSU.Edu>
Date: Tue, 20 Feb 2001 01:30:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136405-2001.02.20-18.01.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have looked in the APRS Protocol Reference V 1.0.1 and the book "APRS
Tracks Maps and Mobiles" but haven't found which GPS (NMEA 0183 V2)
sentences are used in APRS. I'm talking about the Mic-E format as used
in the Kenwoods...

I understand a GPS unit is not required to use APRS, but if one was
connected, and it was putting out several NMEA sentences, which ones are
decoded into APRS position and velocity data?

I would expect that the following sentences are included:

$GPGGA Global Positioning System Fix Data
$GPRMC Recommended Minimum Specific GPS/Transit data

Are others recognized, used, or required?

Thanks for any input, or where I should have found this info without
bothering everybody (or isn't that what this group is for ??).

Robert Hull
KD5KKM

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116. [htaprs] Re: Fw: TM-D700 Whine

From: "Fred Flowers" <fred_flowers@msn.com>
Date: Tue, 20 Feb 2001 18:9:14
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136410-2001.02.20-18.23.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had the same problem. I had the GPS (Garmin 12XL) plugged in without the
TNC on. I unplugged the GPS and the trouble cleared. I then plugged the
GPS back in and turned on the TNC and the trouble was still clear. Check
it out and let me know if this works for you.

Fred
KF4QZN

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: Computer/ THD7A

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 20 Feb 2001 08:49:29 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-136283-2001.02.20-11.40.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Id say you have a short between the two pins and they are looping back and
so teh buffer fills up...

bob

On Mon, 19 Feb 2001, Skip Allison wrote:

> I'm having trouble connecting my computer to my D7. The D7 is in the
> packet mode - not APRS. When I connect the computer to the D7 computer
> port and run Procomm, the Procomm screen just keeps filling up with:
> cmd:?too long
> cmd:?too long
> cmd:?too long
> cmd:?too long
> .
> .
> .
> Any ideas? Procomm is set to 9600,N,8,1
> either full or half duplex do the same thing
> A couple times I got PORTOUT WAS $0000
> Also I saw a couple packets get displayed.
>
> Skip
> K9SA
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] D7A and tripmate

From: "Travis E. Brown" <tebrown@csh.rit.edu>
Date: Wed, 21 Feb 2001 07:42:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136548-2001.02.21-06.57.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I picked up a Delorme Tripmate just the other day ($50 refurbished from
Delorme), but now after looking on several websites, it appears that the
Tripmate is incompatible with the non-G version of the D7A, is this true? I
realize that some modifications need to be made to the Tripmate, but will I
have to live without my D7 while I send it in for an upgrade?

Thanks,
Travis
KC2FZJ

--

Travis E. Brown, KC2FZJ   tebrown@csh.rit.edu
Computer Science House   Rochester Institute of Technology

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

119. [htaprs] Re: TM-D700 Whine

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 21 Feb 2001 08:48:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136564-2001.02.21-08.03.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whine will come and go depending on the load of your electrical system. A
cold morning, head lights on, full blower speed and rear window defogger,
wipers going will cause the whine to be louder than nominal. You can test
for this by varying the speed of your engine (the pitch should change) or
by stopping your car and shutting down the engine. All whine should
disappear, If not send the radio back to Kenwood. Of course you have your
radio directly connected to your battery right? If not all bets are off on
the cause.

 I am sure when Kenwood tests a returned radio for intermittent "whine" they
connect it to a nice 13.8 vdc bench supply, make sure it meets
specifications and send it back to you with the comment "no problem found".

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Don Nelsch [SMTP:dnelsch@neo.rr.com]
> Sent: Tuesday, February 20, 2001 2:51 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: TM-D700 Whine
>
> My experience has been that when there is a whine on a transmitted radio
> signal, you will need to check your alternator diodes! A bad one or
> perhaps
> a bad cell in your battery, causing a heavy load on the alternator will
> cause
> that problem. The up and down pitch of the whine is the relative speed of
> the alternator.
>
> Good luck!
>
> Don, K8EIW
>
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

120. [htaprs] Re: GPS sentences

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Wed, 21 Feb 2001 09:39:47 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-136604-2001.02.21-11.55.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Feb 2001, Robert Hull wrote:

> I understand a GPS unit is not required to use APRS, but if one was
> connected, and it was putting out several NMEA sentences, which ones are
> decoded into APRS position and velocity data?

GPRMC will give you speed and bearing, GPGGA will give you altitude.

I'm not familiar with the Kenwoods ('cuz I don't own one), but the
TinyTrak firmware 1.1 or later will decode either GPGGA or GPRMC.
Earlier versions will decode only GPRMC sentences.

The Kantronics KPC-3 TNC's can be set up to capture any of the
NMEA sentences I believe, and re-transmit them. Some people like
their altitude to show, so choose GPGGA. Others like the speed to
show on the map, so choose GPRMC. I assume other TNC's with the
GPS capability are similar.

Someone with a Kenwood manual can probably answer for those units.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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121. [htaprs] Re: GPS sentences

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Wed, 21 Feb 2001 12:24:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136617-2001.02.21-12.40.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert,
I have a Kenwood TH-D7A(g) unit. I have used the GPRMC string with no
problems. I think that I have also had GPRMC/GPGGA strings with no problem,
but would need to test again to verify.

Best wishes,
Scott
KD5MHM

> ----- Original Message -----
> From: "Robert Hull" <rhull@NMSU.Edu>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, February 20, 2001 2:30 AM
> Subject: [htaprs] GPS sentences
>
>
> > I have looked in the APRS Protocol Reference V 1.0.1 and the book "APRS
> > Tracks Maps and Mobiles" but haven't found which GPS (NMEA 0183 V2)
> > sentences are used in APRS. I'm talking about the Mic-E format as used
> > in the Kenwoods...
> >
> > I understand a GPS unit is not required to use APRS, but if one was
> > connected, and it was putting out several NMEA sentences, which ones are
> > decoded into APRS position and velocity data?
> >
> > I would expect that the following sentences are included:

> >
> > $GPGGA Global Positioning System Fix Data
> > $GPRMC Recommended Minimum Specific GPS/Transit data
> >
> > Are others recognized, used, or required?
> >
> > Thanks for any input, or where I should have found this info without
> > bothering everybody (or isn't that what this group is for ??).
> >
> > Robert Hull
> > KD5KKM
> >
> > ---
> > You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
>

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122. [htaprs] TM-D700A Software and WinME?

From: "Julian Frost" <jfrost@eclectic.ss.uci.edu>
Date: Wed, 21 Feb 2001 17:52:13
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136705-2001.02.21-18.06.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've had a TM-D700A for over a year and have programmed it dozens of times
using the my Windows98 (SE) laptop and the computer software available from
Kenwood's website.

Now, I have a new laptop that's running Windows Millennium. It can't
communicate with the TM-D700A at all, it gets a time out error. If I switch
the cables over to the old laptop running Win98, no problem. The computer
and WinME work fine with other software and hardware that requires access
to the serial port.

Has anyone on this list had success with the MCP software and WinME?

Second question: Has anyone noticed that the TM-D700A seems to be very
finnicky with serial cables? I've bought half a dozen shielded serial
cables to use with the TM-D700A. I've watched packets come into the
computer through a terminal program and noticed that characters are dropped
frequently (yes, I'm using the right baud rate!). When I use the one cable
that works perfectly, all is ok. But this cable is a 25-pin to 25-pin
RS-232 cable. It has adapters at BOTH ends to get it back to 9-pin female
for the radio and the computer. The adapters create strain on the radio and
computer connectors, so I want a 9-pin female to 9-pin femal cable. As I
said, I've bought maybe 6 of these, but none of them work! They work fine
on other equipment, so I have to assume it's the TM-D700A.

I'll be returning the radio to Kenwood soon, but would be interested to
hear other people's comments on this.

Julian, N3JF

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

123. [htaprs] Re: D7A and tripmate

From: Robert Winingham <kc5ejk@onramp.net>
Date: Wed, 21 Feb 2001 13:12:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136636-2001.02.21-13.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I picked up a Delorme Tripmate just the other day ($50 refurbished from
>Delorme), but now after looking on several websites, it appears that the
>Tripmate is incompatible with the non-G version of the D7A, is this true? I
>realize that some modifications need to be made to the Tripmate, but will I
>have to live without my D7 while I send it in for an upgrade?

>

If your non-G D7A is Sn 011-xxxxxx or higher you are ok

73

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

124. [htaprs] Re: TM-D700 Whine

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Wed, 21 Feb 2001 19:42:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136715-2001.02.21-18.53.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All three TM-D700a I mentioned are used sa bases and are on <25 amp @ 13.8or
better power supplies.

Ron AB8DT

> Whine will come and go depending on the load of your electrical system.

>You can test for this by varying the speed of your engine (the pitch
should change) or
> by stopping your car and shutting down the engine. All whine should
> disappear, If not send the radio back to Kenwood. Of course you have your
> radio directly connected to your battery right? If not all bets are off on
> the cause.

> > -----Original Message-----
> > From: Don Nelsch [SMTP:dnelsch@neo.rr.com]
> > Sent: Tuesday, February 20, 2001 2:51 PM
> > To: TAPR Hot Technology APRS
> > Subject: [htaprs] Re: TM-D700 Whine
> >
> > My experience has been that when there is a whine on a transmitted radio
> > signal, you will need to check your alternator diodes! A bad one or
> > perhaps
> > a bad cell in your battery, causing a heavy load on the alternator will
> > cause
> > that problem. The up and down pitch of the whine is the relative speed
of
> > the alternator.
> >
> > Good luck!
> >
> > Don, K8EIW

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

125. [htaprs] Re: TM-D700A Software and WinME?

From: "Fred Flowers" <fred_flowers@msn.com>
Date: Wed, 21 Feb 2001 18:51:38
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136717-2001.02.21-19.06.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure you are getting straight through cables, not null modem cables
that cross over.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

126. [htaprs] Re: Fw: TM-D700 Whine

From: Don Nelsch <dnelsch@neo.rr.com>
Date: Wed, 21 Feb 2001 19:55:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-136718-2001.02.21-19.10.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmmm - sounds like that might be a PLL issue? If your power supply is clean,
it's time for a warranty claim!

Don, K8EIW

Ron Karger AB8DT wrote:

> It happened right out of the box, no GPS has even been plugged in to it. The
> whine only last for about 3 to 5 seconds starts out low in pitch then takes
> off to high. Sounds like a heterodyne on HF almost. The radio has never been
> mobile only on a power supply.
>
> Ron AB8DT
>
> ----- Original Message -----
> From: "Fred Flowers" <fred_flowers@msn.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, February 20, 2001 6:00 PM
> Subject: [htaprs] Re: Fw: TM-D700 Whine
>
> > I had the same problem. I had the GPS (Garmin 12XL) plugged in without
> the
> > TNC on. I unplugged the GPS and the trouble cleared. I then plugged the
> > GPS back in and turned on the TNC and the trouble was still clear. Check
> > it out and let me know if this works for you.
> >
> > Fred
> > KF4QZN
> >
> > ---
> > You are currently subscribed to htaprs as: dnelsch@neo.rr.com
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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127. [htaprs] Re: TM-D700A Software and WinME?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 21 Feb 2001 17:07:40 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136720-2001.02.21-19.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Feb 2001, Fred Flowers wrote:

> Make sure you are getting straight through cables, not null modem cables
> that cross over.

Yes. They're all straight through cables. Cross-over cables just wouldn't
work at all.

Julian

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128. [htaprs] Re: Fw: TM-D700 Whine

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 21 Feb 2001 17:11:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-136721-2001.02.21-19.26.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Feb 2001, Ron Karger AB8DT wrote:

> It happened right out of the box, no GPS has even been plugged in to
> it. The whine only last for about 3 to 5 seconds starts out low in
> pitch then takes off to high. Sounds like a heterodyne on HF almost.
> The radio has never been mobile only on a power supply.

Mine has alse whined (I call it a screech, because it's not alternator
whine) since I've had it. It happens with the GPS attached, and with
nothing attached.

I read reports on this list last year from hams in Canada where they
reported the same thing with D700's up there.

Julian, N3JF

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129. [htaprs] Re: D7A and tripmate

From: Skip Allison <sallison@megsinet.net>
Date: Wed, 21 Feb 2001 21:32:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136745-2001.02.21-21.49.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert Winingham wrote:

> >I picked up a Delorme Tripmate just the other day ($50 refurbished from
> >Delorme), but now after looking on several websites, it appears that the
> >Tripmate is incompatible with the non-G version of the D7A, is this true? I
> >realize that some modifications need to be made to the Tripmate, but will I
> >have to live without my D7 while I send it in for an upgrade?

> If your non-G D7A is Sn 011-xxxxxx or higher you are ok

Is 104xxxxx higher? Assuming the trailing 6 x's are the right number,
it sounds like mine is lower than 011-xxxxxx. What is the difference?
What is the earlier model looking for?

Skip
K9SA

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130. [htaprs] Re: Fw: TM-D700 Whine

From: "Ron Karger AB8DT" <ab8dt@arrl.net>
Date: Wed, 21 Feb 2001 19:48:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136716-2001.02.21-18.59.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It happened right out of the box, no GPS has even been plugged in to it. The
whine only last for about 3 to 5 seconds starts out low in pitch then takes
off to high. Sounds like a heterodyne on HF almost. The radio has never been
mobile only on a power supply.

Ron AB8DT

----- Original Message -----
From: "Fred Flowers" <fred_flowers@msn.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, February 20, 2001 6:00 PM
Subject: [htaprs] Re: Fw: TM-D700 Whine

> I had the same problem. I had the GPS (Garmin 12XL) plugged in without
the
> TNC on. I unplugged the GPS and the trouble cleared. I then plugged the

> GPS back in and turned on the TNC and the trouble was still clear. Check
> it out and let me know if this works for you.
>
> Fred
> KF4QZN

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131. [htaprs] Re: TM-D700A Software and WinME?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 21 Feb 2001 22:08:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136779-2001.02.22-00.23.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Feb 2001, Fred Flowers wrote:

> On 02/21/01, "Julian Frost <jfrost@eclectic.ss.uci.edu>" wrote:
> > On Wed, 21 Feb 2001, Fred Flowers wrote:
> I used a Belkin F2N209-06 that I got at Best Buy. It's a DB9 Serial
> male/female. I used a gender bender on one end. I couldn't find a
> male/male and I was in to big a hurry to go someplace else. It works fine
> on two radios.

Funnily enough, Radio Shack sells shielded 9-pin female to 9-pin female
RS-232 cables. The work on other equipment, but not with my D700 (they
suffer from dropped characters).

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

132. [htaprs] Re: TM-D700A Software and WinME?

From: "Fred Flowers" <fred_flowers@msn.com>
Date: Wed, 21 Feb 2001 22:22:38
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136748-2001.02.21-22.37.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 02/21/01, "Julian Frost <jfrost@eclectic.ss.uci.edu>" wrote:
> On Wed, 21 Feb 2001, Fred Flowers wrote:
>
> > Make sure you are getting straight through cables, not null modem cables
> > that cross over.
>
> Yes. They're all straight through cables. Cross-over cables just wouldn't
> work at all.
>
> Julian

Julian,
I used a Belkin F2N209-06 that I got at Best Buy. It's a DB9 Serial
male/female. I used a gender bender on one end. I couldn't find a
male/male and I was in to big a hurry to go someplace else. It works fine
on two radios.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

133. [htaprs] Re: TM-D700 Whine

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 22 Feb 2001 10:40:10 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136858-2001.02.22-11.54.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may not be the solution for the thread originator, but I want to pass on
some of my experience that could help solve some alternator whine problems
that are easy to happen.

I had the radio wired directly to the car battery which made the heavy
alternator whine on my tracker signals hard to understand. Using a lot of
ferrite beads, I checked out each lead connected to my radio, one by one:

- power supply
- antenna lead
- remote head separation cable (the radio is a Yaesu FT8100R)
- remote speaker #1
- remote speaker #2
- packet cable

It was the packet cable. The ferrites were able to greatly attenuate the
whine, but not eliminate it. Trying the ferrites on the other leads gave zero
improvement.

Tracing through the digital stuff, I checked these components, with a total
of 4 interconnect and/or power cables:

- KPC-3+
- HamHud
- GPS

The source turned out to be the GPS, which was powered from a "dirty" source,
the fuse box. Routing it's power from a Y-split off the radio's power lead
made the problem disappear completely. The ferrites were not needed in the
permanent fix, but they were wonderful experimental tools.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

134. [htaprs] Re: TM-D700 Whine

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Thu, 22 Feb 2001 13:22:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136872-2001.02.22-12.38.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony,

        I think what you have just described is a ground loop. The RS-232
cable was supplying a ground return path for the DC power. Hard to tell if
it the current was flowing to or from the radio to the GPS, but any current
in the digital ground would cause problems.

        As you figured out a single ground point and power point fixed your
problem.

          Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

The source turned out to be the GPS, which was powered from a "dirty"
source,
the fuse box. Routing it's power from a Y-split off the radio's power lead
made the problem disappear completely. The ferrites were not needed in the
permanent fix, but they were wonderful experimental tools.

73,
Tony KD7TA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

135. [htaprs] Re: TM-D700 Whine

From: tarnerich@in-situ.com (Tony Arnerich)
Date: Thu, 22 Feb 2001 12:14:20 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136882-2001.02.22-13.28.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dwight Hazen concludes:

>   I think what you have just described is a ground loop.

I'm inclined to agree.

>The RS-232 cable

Most likely the TNC-> radio cable actually. The only RS232 cable in the system was from the HamHUD to the TNC, and it was clean due to the fact that there is a common ground point inside the TNC for the HamHud power and HamHUD<>TNC communication lines. But the rest of what you say is on the money:

>was supplying a ground return path for the DC power.

The whine was from the alternator-modulated ground at the fuse box I think. My packet cable provided a path for that voltage differential in the vehicle to try to resolve itself.

>As you figured out a single ground point and power point fixed your problem.

I now remember the next problem I had to solve once I resolved the ground loop - the GPS itself has a modulation on it's ground line that was a mirror of the NMEA activity. Some temporary cabling I used when I placed a new radio in the rear of the vehicle resulted in a capacitive coupling from the GPS's ground line to the mic line (the TNC was up in the front of the vehicle, and I ran audio lines to the remote radio). Needless to say, a few mV of digital hash superimposed on only 7 mV of mic drive is not a good thing!

My solution was to place the TNC right next to the radio, and keep digital lines away from the radio as much as possible. A few mV of digital hash on an RS232 link (the HamHUD<>TNC communication line) will do zero harm. View the following ASCII-gram in fixed width font.

NOT GOOD:
GPS---HamHUD---TNC-------(audio link)-------------RADIO

(OR: Dirty 12V > GPS - HamHUD - TNC - RADIO < Clean 12V)

GOOD:
GPS---HamHUD------------(RS232)-------------TNC---RADIO < Clean 12V

73,
Tony KD7TA

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136. [htaprs] Need power connector for D700

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 22 Feb 2001 14:48:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-136887-2001.02.22-13.59.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought five power cord connectors for my D700 last year. Thinking that I'd never need them all, I gave away my spares. I now need another

connector, and lost the URL to the web site that had them. Does anyone know
where I can purchase these connectors?

Regards
Rich - KE1EV

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137. [htaprs] D7 TX Delay

From: Skip Allison <sallison@megsinet.net>
Date: Thu, 22 Feb 2001 23:54:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137003-2001.02.23-00.11.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, I finally got the computer talking to the D7. Bad connector. It
looked exactly like the one I use for the GPS Rx, but the length was off
just a tad. Even holding them next to each other they looked almost the
same.

Now, a while back there was some discussion about changing the TX
delay. I have the D7A. There's nothing in the menus to change TXD. If
I go into the packet mode, I can change it. But can I change it for
APRS? APRS seems to use different parameters. If I change it in packet
mode, it is only good as long as I'm in packet. When you enter packet
mode it reverts to the defaults. Any way to save the parameters? I
tried the old Kantronics PERM command, but that didn't work. I don't
see any save commands in the manual.

Skip
K9SA

Bill Vodall wrote:
>
> One very nifty feature of the KPC3 is the capability to do
> four different broadcasts each with their own path and timing.
> It would be nice if base station software had the same feature.
>
> For example:
>
> 1. Beacon path "", every 10 minutes, "Hi you hear wa7nwp-17 direct"
> 2. Path "relay", every 20 minutes, ...standard Posit packet
> 3. path "relay,wide3-3" every 30 minutes "Hello world, wa7nwp@aprs."
>
> (beacons 2 and 3 could alternate.. Timings are just ballpark.)
>
> 4th beacon could be used for something else..
>
> Just an idea...
>
> Bill
>
> _____
> Do You Yahoo!?
> Yahoo! Shopping - Thousands of Stores. Millions of Products.
> http://shopping.yahoo.com/
>
> ---
> You are currently subscribed to htaprs as: sallison@megsinet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

138. [htaprs] Re: Low audio on xmit with D700?

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 23 Feb 2001 10:33:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137049-2001.02.23-09.44.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I thought I had this problem licked until I started getting reports of low audio again. The Ferrite doesn't appear to fix the problem. I'm sending the unit back to Kenwood for service. I suspect that it is temperature sensitive; possibly a cold solder joint.

I sent it in to the Kenwood service center last month for this exact problem. The service rep called me and said that he bench tested the unit and found nothing wrong. He suggested the Ferrite, indicating that he's seen feedback problem in some installations. When I reinstalled the unit I put a ferrite on the mic cord, just as he suggested. The radio seemed fine for a couple of weeks, then I started getting bad signal reports again.

One HAM told me that it sounds bad, but that is typical of what a D700 sounds like. I have intermittent reports of low audio, buzzing, and audio distortion. I'll put it on my own bench this weekend and see what I can find.

Sorry that I'm not much help with your problem.

Regards
Rich - KE1EV

-----Original Message-----
From: Richard Carter [mailto:rich.carter@windriver.com]
Sent: Tuesday, February 20, 2001 9:30 AM
To: James Jefferson; TAPR Hot Technology APRS
Subject: RE: [htaprs] Re: Low audio on xmit with D700?

I had the same problem with mine. My antenna is mounted fairly close to the radio; about 4 feet. It turned out to be feedback from the antenna to the mic cord. Somehow, the mic cord picks up RF and desensitizes the mic audio circuit. I fixed it by putting a ferrite on the mic cord; purchased from Radio Shack for about $9. I also experienced other bizarre behavior. Hope this fixes it.

Regards
Rich

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of James Jefferson
Sent: Saturday, February 17, 2001 5:24 PM
To: TAPR Hot Technology APRS
Cc: htaprs@lists.tapr.org
Subject: [htaprs] Re: Low audio on xmit with D700?

The men and women on my repeater are always telling me my D700 xmit audio is way too low. They aren't happy until I'm almost yelling into the mike - and then I'm not happy! Other D700 users in the area sound just fine, however.

Is there an audio drive pot in the rig? Are the people that are experiencing problems using the microphone extension? I am using a CAT5 coupler and a patch cord on my rig. My friend is using a similar setup except with a much longer patch cord, and he is having no problems!

-Jim Jefferson KB0THN

> A few weeks ago someone posted a query here about having reports of low
> audio level on transmit with his D-700. I don't believe he got much of a
> response. I sent a reply off the sig becuase I had heard it happen with a
> local D-700 user, and had reports of it happening with *my* rig.
>
> I wonder just how often this is happening? It seems to be an intermittant
> problem. Sometimes the audio level is ok, sometimes it is low. To
> complicate matters, it has been my experience that when amateurs hear a
> station with "less than optimum" signal THEY QUITE OFTEN DON'T TELL THE
> OPERATOR that he may have a problem. I've heard this happen on the local
> repeater time, and time again. My point is .... that this "low audio"

> problem may be more common than we think. Just becuase no one has told
you
> it was happening on your signal does not mean you don't have the
problem!
>
> Richard Amirault   N1JDU
Boston,
> MA, USA
> www.erols.com/ramirault   "Go Fly A Kite"
>
>
> ---
> You are currently subscribed to htaprs as: jjeffers@deskmedia.com
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leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: rcarter@isi.com
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139. [htaprs] Re: Low audio on xmit with D700?

From: "Peter Loveall" <HamLists@ametx.com>
Date: Fri, 23 Feb 2001 10:45:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137059-2001.02.23-11.00.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently purchased a D700A and have had a couple of problems which may
relate to the low audio, whine, and distortion. The D700A is new out of
the box (never opened until I received it). It came to me with the 440 MHz
oscilator causing transmission and reception 1.5 KHz low. The 2m side was
better at .5 KHz low. The 440 side was causing distorted and low audio.
After adjusting both oscilators, the audio has been reported as "clean". I
have had reports that the mic is "tinnier" than the TH-D7A that I have.
When we ran deviation checks, we found that Kenwood has it set a little low
(unusual for them).

I also found that the transmit output is EXTREMELY sensitive to VSWR. A
VSWR of 1.2 begins to cause a reduction in power! We also think a "high"
VSWR causes some odd variations in the transmitted signal (i.e. RF
feedback). Replacement of feedline and proper grounding of the radio and
the antenna (<1.8 VSWR on 2m and <1.3 VSWR on 440) seems to have eliminated
any problems with the audio.

73,

Pete Loveall AE5PL
pete@ae5pl.net
www.ae5pl.net

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140. [htaprs] THD-7AG Packet Terminal Program?

From: "Paul Weiss" <p_weiss@yahoo.com>
Date: Sat, 24 Feb 2001 6:23:17
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137158-2001.02.24-06.38.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Has anyone have any thoughts on a good Windows packet terminal program for

the THD-7? I would like to use my laptop and D7 while on the road to not
only do WinAPRS but also packet.

Thanks

73's Paul KC7FYQ

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141. [htaprs] Re: THD-7AG Packet Terminal Program?

From: Roger Barker <roger@peaksys.co.uk>
Date: Sat, 24 Feb 2001 17:21:28 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137194-2001.02.24-11.38.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-137158-2001.02.24-06.38.11--roger#peaksys.co.uk@lis
ts.tapr.org>, Paul Weiss <p_weiss@yahoo.com> writes
>Hello,
>
>Has anyone have any thoughts on a good Windows packet terminal program for
>the THD-7? I would like to use my laptop and D7 while on the road to not
>only do WinAPRS but also packet.

WinPack V6.51 (see my sig) even comes with a TH-D7.TXT file, to help you
get round some of the "quirks" that the rig has when used for "normal"
packet.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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142. [htaprs] Re: N2ZRC-14 QRV Thursday

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 24 Feb 2001 09:56:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137253-2001.02.24-17.41.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I wrote:

>There's a 15 amp fuse in the fuse block that I'm using for +12 V. Two
>feet to the left [is] a bolt that's grounded to get the return circuit.

     First, that should read "to the right", in front of the passenger's
seat. According to several signal reports, TX'd voice signals don't ex-
perience any alternator whine. Yet, interestingly enough, I can clearly
hear it on received signals (changing pitch as I accelerate and decelera-
ate). I know it's not from the ignition system since it's a diesel (no
spark plugs). Any ideas? Maybe I ought to go to RatShack and get some
of the "noise filter" capacitors they have ... or would that make a dif-
ference?

     BTW, if you happen to see me driving by, send me a message suggest-
ing a voice frequency on 2 meters. I'm usually too busy trying to pay
attention to traffic to try to send a reply via APRS and the D-700's set
to have VFO-A on 2M voice while VFO-B is for APRS. I'd be glad for the
company. My usual route takes me down the New Jersey Turnpike from the
George Washington Bridge to Exit 11, thence down US Route 9 to Lakewood.
>From there, I'd be busy unloading and packing orders for about an hour,
then would make some local deliveries on the way back ... but frequent-
ly wind up making some side trips. Yesterday (Friday) found me crossing
the state on I-195 to Bordentown, thence back to New York via The Pike.
Other times find me wending through Staten Island on my way to Brooklyn
to pick up ingredients (I work for the largest Kosher Bakery in New York
City, and we're very busy making Kosher for Passover products now!) we
are running short of.   73
+---+

```
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
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```

143. [htaprs] Re: APRS software with TH-D700A

From: Phillip Clark <pbclark1@attglobal.net>
Date: Sun, 25 Feb 2001 00:44:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137324-2001.02.25-03.01.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robbie Robertson wrote:

> > Jeff Ellis wrote:
> >
> > I want to get my Kenwood TH-D700A setup in my car for a
> > Trip from Washington to Southern California for Christmas
> > and have several questions:
> >
> > 1) Which APRS programs can pull the GPS data from the
> > D700A? I only have one serial port on my laptop and would
> > like to see on a map my position as I go.
> > > Jeff Ellis
> > K7JDE
>
> I have successively used WinAPRS 2.4.7, a Rand McNally GPS,
> and my Kenwood TMD-700A without splitting cables and so
> forth.. As I originally set up the gps and the 700A as a
> tracker, I just added the laptop running the software, put
> the program into tracking me, and in Pico mode, the software
> tracks me being in the center of the screen automatically
> being refreshed on PM 3.0 as if I were using PM alone, or
> tracking someone, me! Works just super!!
>
> Robbie Robertson
> ....-.- wa9inf ...-.-
>
> ---

Does anyone know if APRS Plus works the same way with the GPS signals going
into the radio, and just the radio connected to the computer?

```
---
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```

144. [htaprs] RE: THD-7AG Packet Terminal Program?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 25 Feb 2001 10:49:46 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137383-2001.02.25-13.00.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use WinPack which can be downloaded from:

        http://www.peaksys.co.uk/

Nice easy to use program.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>>
> Has anyone have any thoughts on a good Windows packet terminal
> program for
> the THD-7? I would like to use my laptop and D7 while on the road to not
> only do WinAPRS but also packet.

>
>

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145. [htaprs] TH-D7A(G) and Mac Powerbook G3

From: "Joe Koford" <kd5mnw@excite.com>
Date: Sun, 25 Feb 2001 20:2:18
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137440-2001.02.25-20.17.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had any sucess connectiong a TH-D7A(G) to a 98 PowerBook G3?
Using the Kenwood cable, a gender changer and a a converter to the Mac mini
Din 8 port I can get the D7 to make some noises (using MacAPRS), but it
seems to desense and doesn't otherwise respond.

Thanks in advance
Joe kd5mnw

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146. [htaprs] Garmin eTrex Family

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Mon, 26 Feb 2001 05:00:48
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137450-2001.02.25-23.15.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin has announced three new members of the "eTrex Family" of light-weight
handheld GPS receivers. They are the same shape as the original eTrex and
require 2 AA cells and are compatible with all of the eTrex optional
hardware accessories, such as data cable, power cable, combination power and
data cable, bicycle handlebar mount, and a variety of mounts for use in
boats and motor vehicles. The pioneer eTrex has been around for awhile, and
has been significantly improved by downloadable upgrades. The eTrex Summit
is similar, but adds an electronic compass that operates when the unit is
standing still, plus a barometric altimeter. It also allows 20 reversible
routes of 50 waypoints each, compared to the one route in the eTrex.

The new family members, the eTrex Venture, eTrex Legend and eTrex Vista, are
supposed to be available in March.

The eTrex Venture adds to the eTrex 20 routes, a city point database and a
1-Mbyte RAM for data from the optional Points of Interest MapSource CD.

The eTrex Legend includes the eTrex Venture stuff, plus a 8-Mbyte RAM for
optional MapSource data.

The fanciest addition is the eTrex Vista. It combines the electronic
compass and barometric altimeter of the eTrex Summit with a whopping
24-Mbyte RAM for optional MapSource data. That□s enough for a lot of
topographical mapping data.

Here are some battery life and display resolution figures for the whole
eTrex family:

	BATTERY LIFE	DISPLAY RESOLUTION
eTrex	22 hours	64 x 128 pixels
eTrex Venture	20 hours	160 x 288 pixels
eTrex Legend	18 hours	160 x 288 pixels
eTrex Summit	16 hours	64 x 128 pixels
eTrex Vista	12 hours	160 x 228 pixels

It□s possible to get more battery time on the eTrex Summit and eTrex Vista
by disabling the altimeter and compass functions.

The best prices I□ve been able to find on the internet are at GPS City. For
example, the most expensive family member, the eTrex Vista, is $300 from
them. Maybe somebody else will find an even cheaper source.

I have a feeling that these new family members are going to generate a lot
of new APRS applications.

73, Bruce Prior N7RR

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

---
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147. [htaprs] WHOIS help

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Mon, 26 Feb 2001 10:46:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137518-2001.02.26-11.01.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I do not know what to expect as a response to WHOIS. I am using a D-700,
and do not seem to get any response through the radio. Checking findu.com I
found this:

WHOIS KC5KYJ-9 02/26 13:45:45z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
TX{725
WHOIS KC5KYJ-9 02/22 02:00:00z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
TX{393
WHOIS KC5KYJ-9 02/21 13:48:48z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
TX{338
WHOIS KC5KYJ-9 02/20 20:25:25z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
TX{282
WHOIS KC5KYJ-9 02/20 15:04:04z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
TX{272
KC5KYJ-9 WHOIS 02/20 15:04:04z kc5kyj{8

Apparently WHOIS is responding, but the D-700 is not recognizing the
response. Am I doing something wrong, or did I not understand the purpose
of WHOIS. I thought the purpose was to do an inquiry and get a response on
the radio.

Bruce Elliott
KC5KYJ

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148. [htaprs] TH-D7A(G) and Mac Powerbook G3

From: Robert Hull <rhull@NMSU.Edu>
Date: Mon, 26 Feb 2001 10:15:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137522-2001.02.26-11.28.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, we connect a KW TH-D7A to a MAC G3 (early "Wallstreet" version).
Also connect a TM-D700 to the same MAC. I just tried the hand-held and
verified it works by using VersaTerm Pro as a terminal program. I get
the TNC init string and can get the CMD: prompt. When you get that far,
type DISP (for display) and it will show you all the TNC internal
settings.

Cables are notoriously problematic; RS-232 is the most abused
"standard". It amazes me how many adapters are always needed to hook
anything up. Mac uses the RS-422 elecrical interface and, while superior
(it's differential), isn't always compatible with PC hardware.

Here's the cable I built to go from the TH-D7A "PC" jack to the G3
serial/printer port:

2.5mm stereo plug   DIN-8 plug
tip   pin 5
ring   pin 3
shield   pin 4

Even if you are using adapters, just beep through and see if these
connections match. There may still be problems with voltage levels due
to the interface differences. It works for us...

The terminal program settings are 9600-8-N-1 and we use XON/XOFF.
The G3 responds when the TH-D7A is switched to having TNC and Packet
both displayed; press TNC twice. This is not handheld APRS mode, but the
mode you'd use for MacAPRS running on the G3.

Note: indoors, I get almost no traffic on the TH-D7A as an APRS receiver
tuned to 144.390 MHz. It needs to be outdoors or hooked to an outside
antenna.

Good luck,
BH

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

149. [htaprs] Re: WHOIS help

From: John Gorkos <jgorkos@slb.com>
Date: Mon, 26 Feb 2001 11:21:20 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137524-2001.02.26-11.35.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Monday 26 February 2001 10:46, ELLIOTT, BRUCE spake thusly:
> I do not know what to expect as a response to WHOIS. I am using a D-700,
> and do not seem to get any response through the radio. Checking findu.com
> I found this:
>
> WHOIS KC5KYJ-9 02/26 13:45:45z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
> TX{725
> WHOIS KC5KYJ-9 02/22 02:00:00z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
> TX{393
> WHOIS KC5KYJ-9 02/21 13:48:48z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
> TX{338
> WHOIS KC5KYJ-9 02/20 20:25:25z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
> TX{282
> WHOIS KC5KYJ-9 02/20 15:04:04z KC5KYJ is BRUCE ELLIOTT from FORT WORTH,
> TX{272
> KC5KYJ-9 WHOIS 02/20 15:04:04z kc5kyj{8
>
> Apparently WHOIS is responding, but the D-700 is not recognizing the
> response. Am I doing something wrong, or did I not understand the purpose
> of WHOIS. I thought the purpose was to do an inquiry and get a response on
> the radio.
>
> Bruce Elliott
> KC5KYJ

Bruce, you're doing everything correctly. The problem is probably the IGate
that you're using, or worse, I'm an idiot. Read on...
Here are the relevant server logs:

Inbound message # 8 for WHOIS via APK101,W5DCR-3,WIDE:
KC5KYJ-9>APK101,W5DCR-3*,WIDE::WHOIS   :kc5kyj{8
(Tue Feb 20 09:04:06 2001)Sending WHOIS>APK101,W5DCR-3,WIDE::KC5KYJ-9 :KC5KYJ
is BRUCE ELLIOTT from FORT WORTH, TX{272

Inbound message # 8 for WHOIS via APK101,WA0D-10,W5NGU-3:
KC5KYJ-9>APK101,WA0D-10,W5NGU-3*::WHOIS   :kc5kyj{8
(Wed Feb 21 20:00:20 2001)Sending WHOIS>APK101,WA0D-10,W5NGU-3::KC5KYJ-9
:KC5KYJ is BRUCE ELLIOTT from FORT WORTH, TX{393

Inbound message # 8 for WHOIS via APK101,WB5QLD-1,W5DCR-3:
KC5KYJ-9>APK101,WB5QLD-1,W5DCR-3*::WHOIS   :kc5kyj{8
(Wed Feb 21 07:48:28 2001)Sending WHOIS>APK101,WB5QLD-1,W5DCR-3::KC5KYJ-9
:KC5KYJ is BRUCE ELLIOTT from FORT WORTH, TX{338

Looks like one query got picked up three different times via three different
paths. You definitely get the star for persistance. I'm going to open this
up to the members of the SIG, because I need a little schooling here, too.

My understanding of the IGATE concept is this: When I send a response out
via the internet, as a verified user, the response gets picked up by every
Igate station on the internetwork. Each Igate goes through a list of
stations it has heard VIA RF in the last 30 (or X minutes, defined by the
igate operator), and IF the destination station has been heard on RF, the

message is then sent out via RF using the IGate's default Path (not the path
included with the message, that gets ignored).

Questions to the SIG: How do we KNOW that my response ever made it to RF?
How do I know, as the query engine, what Igate put the message on the
internet in the first place? Am I doing the right thing by simply responding
back to the original sender via their path?

I'd be really embarassed if I've been doing this wrong all along, but that's
how the learning curve in ham radio works, I suppose. Anyone have any
thoughts?

John Gorkos

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

150. [htaprs] Re: WHOIS help

From: John Gorkos <jgorkos@slb.com>
Date: Mon, 26 Feb 2001 12:12:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137533-2001.02.26-12.26.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You seemed a little brusque, so I'll go into defenive mode.

On Monday 26 February 2001 11:50, Brent Hildebrand spake thusly:
> Retries. The query came from into the internet after 1 or 2 hops looking
> at the data below. You sent a reply back. I suspect you sent the reply
> back only once?   Perhaps once per packet received. Still, the success
> rate falls of dramatically as the number of digipeater hops increases.
> Particularly on a busy channel. The only way you will know if a station
> has received your message, is if you get an "ack" back from that station.
> A message packet reply should be sent, then sent again 8 seconds later is
> no ACK received, then 16 seconds later, in a decaying fashion, per the APRS
> protocol. Eventually, you give up trying.   You will only know that the
> target station received you message is if you received back an ACK.
>
I don't see in the spec anywhere that I have to use the decaying protocol.
On the contrary, the APRS spec states on page 20 that "There are several
algorithms in place to achieve (transmission redundancy)". While the decay
algorithm you quoted is first, it is followed by "fixed-rate" and
"message-on-heard". I have chosen to implement a fixed-rate, N-time
algorithm where N is currently set to 2, and the repeat rate is 65 seconds.
It is set to 2 to avoid channel saturation. Again, IMHO, the whois service
is a value-added-server that does not contribute to the overall tactical
picture in a network. The server response packets are larger than most
tactical packets need be, and if a channel is so busy that I can't get a
message through in two tries, then something more important than finding your
buddy's name is probably going on.

> The path you created is irrelevant, and perhaps confusing. Irrelevant in
> that IGates control the outbound (to RF) path. You are sending
> WHOIS>APK101, using the querying station's path. This implies that WHOIS
> is a Kenwood TH-D7. I would suggest that your response be in line with
> other stations connected to the Internet. Perhaps like this:
> WHOIS>APRS,TCPIP*::CALLSIGN:RESPONSE MESSAGE{1

I will be happy to change my outbound path. I see it in the spec after
re-reading it, and I'll make the change.

>
> As far as knowing if your WHOIS server put the information into the
> Internet, you of course know if you sent the data via TCP/IP. But
> unfortunately, APRSd does not echo back received packets from logged in
> client programs.   APRServe does. APRServe is running on second.aprs.net.
> So you will see the echoed packets there. I think this is a flaw in
> APRSd's design, but I think there are people working on fixing it. The
> APRServe method of echoing the packet works very well.

I'm not sure I agree with the necessity of echoing inbound TCP/IP packets
back to the sender. One the one hand, it's just one more line of data coming
down the pipe, on the other, it's another line of data that I need to parse,
and takes double the amount of bandwidth that a normal packet (once going,
once coming back). On the gripping hand, clients should be written smart
enough to not need an echoed packet to function.

>
> Enough.
>
Of what? Questions about protocol and usage? Thanks for the help. If
you've had enough, don't feel obligated to respond.

> Brent KH2Z
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

151. [htaprs] Re: WHOIS help

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Mon, 26 Feb 2001 10:33:06 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137543-2001.02.26-12.48.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, first, I replied to you in private. Posting a private message back to an open group is not
proper. That said, you are taking my comments way to personal... And yes, I am sending you another
private message. /BH

----- Original Message -----
From: "John Gorkos" <jgorkos@slb.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, February 26, 2001 10:12 AM
Subject: [htaprs] Re: WHOIS help

> You seemed a little brusque, so I'll go into defenive mode.
>
> On Monday 26 February 2001 11:50, Brent Hildebrand spake thusly:
> > Retries. The query came from into the internet after 1 or 2 hops looking
> > at the data below. You sent a reply back. I suspect you sent the reply
> > back only once?   Perhaps once per packet received. Still, the success
> > rate falls of dramatically as the number of digipeater hops increases.
> > Particularly on a busy channel. The only way you will know if a station
> > has received your message, is if you get an "ack" back from that station.
> > A message packet reply should be sent, then sent again 8 seconds later is
> > no ACK received, then 16 seconds later, in a decaying fashion, per the APRS
> > protocol. Eventually, you give up trying.   You will only know that the
> > target station received you message is if you received back an ACK.
> >
> I don't see in the spec anywhere that I have to use the decaying protocol.
> On the contrary, the APRS spec states on page 20 that "There are several
> algorithms in place to achieve (transmission redundancy)". While the decay
> algorithm you quoted is first, it is followed by "fixed-rate" and
> "message-on-heard". I have chosen to implement a fixed-rate, N-time
> algorithm where N is currently set to 2, and the repeat rate is 65 seconds.
> It is set to 2 to avoid channel saturation. Again, IMHO, the whois service
> is a value-added-server that does not contribute to the overall tactical
> picture in a network. The server response packets are larger than most
> tactical packets need be, and if a channel is so busy that I can't get a
> message through in two tries, then something more important than finding your
> buddy's name is probably going on.
>
> > The path you created is irrelevant, and perhaps confusing. Irrelevant in
> > that IGates control the outbound (to RF) path. You are sending
> > WHOIS>APK101, using the querying station's path. This implies that WHOIS
> > is a Kenwood TH-D7. I would suggest that your response be in line with
> > other stations connected to the Internet. Perhaps like this:
> > WHOIS>APRS,TCPIP*::CALLSIGN:RESPONSE MESSAGE{1
>
> I will be happy to change my outbound path. I see it in the spec after
> re-reading it, and I'll make the change.
>
> >
> > As far as knowing if your WHOIS server put the information into the
> > Internet, you of course know if you sent the data via TCP/IP. But
> > unfortunately, APRSd does not echo back received packets from logged in
> > client programs.   APRServe does. APRServe is running on second.aprs.net.
> > So you will see the echoed packets there. I think this is a flaw in
> > APRSd's design, but I think there are people working on fixing it. The
> > APRServe method of echoing the packet works very well.
>

> I'm not sure I agree with the necessity of echoing inbound TCP/IP packets
> back to the sender. One the one hand, it's just one more line of data coming
> down the pipe, on the other, it's another line of data that I need to parse,
> and takes double the amount of bandwidth that a normal packet (once going,
> once coming back). On the gripping hand, clients should be written smart
> enough to not need an echoed packet to function.
>
> >
> > Enough.
> >
> Of what? Questions about protocol and usage? Thanks for the help. If
> you've had enough, don't feel obligated to respond.
>
> > Brent KH2Z
> >
>
> ---
> You are currently subscribed to htaprs as: bhildebrand@earthlink.net
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> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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152. [htaprs] RE: htaprs digest: February 25, 2001

From: "Larry George (EUS)" <eusljg@am1.ericsson.se>
Date: Tue, 27 Feb 2001 10:25:40 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137726-2001.02.27-10.40.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Read Jeff's note about APRS and wanting to find out what you need to outfit your Kenwood HT. I can't help him, but perhaps you can help me? I'm new to the whole concept. I have an interest in getting a GPS now, one of them being www.geocaching.com . I am also a ham, KC1I, have done some packet stuff and do have a Kam Plus TNC with APRS capability but never used that feature. So, I'm wondering -- how much activity is there on APRS? How much does one of these APRS equipped HTs cost? What kind of enjoyment can you get with it? Do you frequently come across on APRS operators on the road? From my reading, it looks like the Garmin GPS III+ is the way to go? Perhaps, you can tell me how I can locate an APRS guru in my area (Chapel Hill NC)?

Larry

> > > Jeff Ellis wrote:
> > >
> > > I want to get my Kenwood TH-D700A setup in my car for a
> > > Trip from Washington to Southern California for Christmas
> > > and have several questions:
> > >
> > > 1) Which APRS programs can pull the GPS data from the
> > > D700A? I only have one serial port on my laptop and would
> > > like to see on a map my position as I go.
> > > > Jeff Ellis
> > > K7JDE
> > >
>

153. [htaprs] TH-D7A(G) and Delorme Tripmate (not working)

From: Zachary Michael <kb9uqq_2000@yahoo.com>
Date: Mon, 26 Feb 2001 17:02:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TH-D7A Sig <TH-D7@egroups.com>
Message-ID: <LYR845-137791-2001.02.27-16.11.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Gang,
I have a Delorme Tripmate, and I am trying to use it with my
TH-D7A(G). I know it should work, because I have a friend that has the
same setup. I know that the Tripmate is outputting good GPRMC and
GPGGA strings, so I should be transmitting both my location, and my
altitude. Right? Right now I have the cable made so that the data is
going to the ring, but I have also had it going to the tip. Neither of
which work. The Tripmate has the internal self-start mods, so that is
already done. Does anybody know why this setup isn't working? The
TH-D7A(G) is set to GPS NMEA. Is that right? The Tripmate doesn't have

a display, so the Waypoints feature is off right? Any help is very
greatly appreciated!

--
Thanks and 73's,
Zachary Michael, KB9UQQ, KB9UQQ-6, KB9UQQ-7, KB9UQQ-9, KB9UQQ-10
KB9UQQ-10 (Home)
http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-10
KB9UQQ-9 (Car)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-9

KB9UQQ-7 (D7A)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-7

KB9UQQ-6 (Laptop) http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-6

KB9UQQ   (Home)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq
40.25.51 N Degrees Latitude --- 085.15.29 W Degrees Longitude
Hartford City, Blackford County, Indiana
Zach's Homepage: http://www.kb9uqq.net/
Zach's APRS Resources: http://www.aprsinindiana.cjb.net/
TAWG Coordinator: http://www.tawg.org/
E-Mail: kb9uqq@tawg.org

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154. [htaprs] Re: TH-D7A(G) and Delorme Tripmate (not working)

From: "Bill Kearns" <billk@inland.net>
Date: Tue, 27 Feb 2001 15:38:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-137798-2001.02.27-17.52.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

look here:

http://www.qsl.net/n6qab/n6qabgps.htm

----- Original Message -----
From: "Zachary Michael" <kb9uqq_2000@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TH-D7A Sig" <TH-D7@egroups.com>
Sent: Monday, February 26, 2001 3:02 PM
Subject: [htaprs] TH-D7A(G) and Delorme Tripmate (not working)

> Hi Gang,
> I have a Delorme Tripmate, and I am trying to use it with my
> TH-D7A(G). I know it should work, because I have a friend that has the
> same setup. I know that the Tripmate is outputting good GPRMC and
> GPGGA strings, so I should be transmitting both my location, and my
> altitude. Right? Right now I have the cable made so that the data is
> going to the ring, but I have also had it going to the tip. Neither of
> which work. The Tripmate has the internal self-start mods, so that is
> already done. Does anybody know why this setup isn't working? The
> TH-D7A(G) is set to GPS NMEA. Is that right? The Tripmate doesn't have
> a display, so the Waypoints feature is off right? Any help is very
> greatly appreciated!
>
> --
> Thanks and 73's,
> Zachary Michael, KB9UQQ, KB9UQQ-6, KB9UQQ-7, KB9UQQ-9, KB9UQQ-10
> KB9UQQ-10 (Home)
> http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-10
> KB9UQQ-9 (Car)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-9
>
> KB9UQQ-7 (D7A)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-7
>
> KB9UQQ-6 (Laptop) http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq-6
>
> KB9UQQ   (Home)   http://www.findu.com/cgi-bin/find.cgi?call=kb9uqq
> 40.25.51 N Degrees Latitude --- 085.15.29 W Degrees Longitude
> Hartford City, Blackford County, Indiana
> Zach's Homepage: http://www.kb9uqq.net/
> Zach's APRS Resources: http://www.aprsinindiana.cjb.net/
> TAWG Coordinator: http://www.tawg.org/
> E-Mail: kb9uqq@tawg.org

>
>
>
> ---
> You are currently subscribed to htaprs as: BILLK@INLAND.NET
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>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

155. [htaprs] Satellite Tracking for Pocket PC

From: "Andrew Davidson" <adavidson@xtra.co.nz>
Date: Thu, 1 Mar 2001 18:58:45 +1300
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138016-2001.03.01-00.14.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those that are interested I have just uploaded the latest version of
TrackSat/CE to my website: www.qsl.net/zl3tpl/

As far as I know this is the only Sat tracking program written to run on the
Pocket PC (Windows CE 3.0)

It is a time limited Beta version, and reads standard 2 line kep files.

It won't run on the older Palm PC, Hanheld PC, or even PalmPilots !!

73
Andy
ZL3TPL

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March 2001

Original source file: htaprs.0103
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0103

1. [htaprs] ADMIN: The Monthly Message

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 1 Mar 2001 11:49:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138076-2001.03.01-12.05.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in discussing the new, hot technologies related to APRS (for example, the APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like "what kind of car should I buy for my new Kenwood transceiver?") may be considered off-topic. If you start a message with "this is off-topic..." then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Palm IIIc & D-700 Fatal Error

From: Arte Booten <n2zrc@webspan.net>
Date: Thu, 01 Mar 2001 20:35:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138226-2001.03.01-19.54.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I'm using a "new" Palm IIIc (8 Mb, OS 3.50), with the TH-D700a and pocketAPRS 1.08, which has been perfectly stable using an 8 Mb Palm III. I've loaded the following maps into both Palms:

```
Central (Detail)      CT
Hartford (Detail)     CT
Monmouth County,      NJ
Newark (Detail)       NJ
New York (Detail)     NY
New York City Metro   NY
Philadelphia Metro    PA
Poughkeepsie (Detail) NY
 US Interstate Highways
```

and have 438 stations in the arrays. The IIIc has 49K out of 7936K memory left. About enough room for maybe thirty more stations.

When starting up the program Sunday, with the D700 on and in PACKET mode, I tap OK on the logo screen, pocketAPRS starts to initialize the TNC and I get a Fatal Exception. I found an apparent workaround by letting pocketAPRS think it can't see the TNC by leaving the radio off, and telling the program to ignore the problem. Next, I'd turn on the radio, open its TNC in PACKET mode (hold F, press TNC key, then do it again and again, cycling through the other modes) and reinitialize the TNC back on the Palm. Then I'd enable transmit from Settings > Transmit Control.

Until today. My southbound trip went okay, but upon starting back, found the workaround no longer worked. I tried every combination of reinitializing, closing-and-opening and turning off and turning on I could think of. Nothing worked. I couldn't get pocketAPRS to enable transmit even though stations were appearing. My position was being displayed at the location shown by the trusty GPS-III too.

Has anyone else come up against this? I've got a feeling that if I were to delete all those stations, it might make a difference ... that I am eating into memory needed to run the program ... but I'd *hate* to do that if I didn't have to! 73

```
+-------------------------------------------------------------------------+
|Arte Booten  <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York    [FN30bu]    !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+-------------------------------------------------------------------------+
```

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3. [htaprs] nascar race las vegas aprs

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 2 Mar 2001 19:39:29 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138418-2001.03.02-21.54.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

the las vegas amateur radio club will be running aprs from the nascar race at the las vegas motor speedway saturday march 3 from 6 am pacific until 6pm pacific

use the find u link below to get a fix on it if you want.

if you are in vegas, talkback for the track is 147.06 100pl nellis air force base repeater

73

click on this link to find me http://map.findu.com/kd8s-7 or go here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Dual TNC with D7a+ KPC3+

From: "Chris Farmer" <caf7508@ksu.edu>
Date: Sat, 3 Mar 2001 9:43:53
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138536-2001.03.03-09.59.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm working on an application that requires two seperate TNC's in a car.
My plan is to use the D7a in 9600 baud transmit, and the second audio
channel 1200 connected to a KPC3+. It seems straightforward; I've got the
9600 baud working well.
  Does anyone have any experience (good or bad) in doing this? If we can
get the 9600 going transmit only, and the 1200 receive only, then we'll be
a success.

Thanks

Chris Farmer
KSU Solar Car Racing Team

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] THD7 Init File

From: "Myrt Webb" <myrtwebb@centurytel.net>
Date: Sun, 4 Mar 2001 09:38:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138753-2001.03.04-10.53.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My APRSce is acting kind of erratic. Sometimes it works fine sometimes it does not.

One problem may be my tnc init file for my THD7. The file is below. If anyone sees some improvements
that I should make I would appreciate it.
I am using a GPS(Garmin 12xl).

* TNC Init file for KENWOOD TH-D7

AWlen 8

BBSMsgs ON

B E 0

LOC E 0

Echo off

FLow off

AUTOLF off

MCOM off

MON ON

MRPt on

PACLen 128

HBAUD 1200

* delete following lines if without GPS

GBAUD 4800

GPSTEXT $GPRMC

LTMH OFF

LTM 10

Myrt in MT

KB7ZPE

6. [htaprs] UNPROTO PATH in Washington state?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 5 Mar 2001 11:56:57 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-138950-2001.03.05-14.11.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

What is the unproto path most commonly used in Washington state? Do they
use the WIDE3-3 that's used down here in Socal?

Thanks,

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: UNPROTO PATH in Washington state?

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 5 Mar 2001 12:10:59 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-138952-2001.03.05-14.26.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 5 Mar 2001, Julian Frost wrote:

> What is the unproto path most commonly used in Washington state? Do they
> use the WIDE3-3 that's used down here in Socal?

Mobiles use "RELAY,WIDE3-3"

Base stations used "CALLSIGN,WIDE3-3" with the callsign being your
nearest WIDE's callsign, or your nearest RELAY's callsign.

I think I got all that right.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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8. [htaprs] D700 Opening TNC

From: n7qxo@juno.com
Date: Thu, 8 Mar 2001 18:07:14 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139539-2001.03.08-20.23.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have not been paying attention lately to the sig so I apologize if this
issue is old and been resolved already. Lately BOTH of my TM-D700's have
by themselves closed the on board tnc (from the APRS mode) and then
opened back up in APRS mode after several seconds. Does anyone know what
might be the cause of this and how to resolve it?
When this has happened I have not been using them, they were simply
running with the bcon on.

Thanks,
Ron Reeves
N7QXO

_____
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9. [htaprs] Re: D700 Opening TNC

From: "hasan schiers" <schiers@netins.net>
Date: Fri, 9 Mar 2001 08:50:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139625-2001.03.09-09.25.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could this be the equivalent of the Unhandled Error Exception in
Windows....but for the D700 software/firmware? (In other words, caused by a
really baaaaddd packet.)

...hasan

----- Original Message -----
From: <n7qxo@juno.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, March 08, 2001 8:07 PM
Subject: [htaprs] D700 Opening TNC

> I have not been paying attention lately to the sig so I apologize if this
> issue is old and been resolved already. Lately BOTH of my TM-D700's have
> by themselves closed the on board tnc (from the APRS mode) and then
> opened back up in APRS mode after several seconds. Does anyone know what
> might be the cause of this and how to resolve it?
> When this has happened I have not been using them, they were simply
> running with the bcon on.
>
> Thanks,
> Ron Reeves
> N7QXO
> _____
> GET INTERNET ACCESS FROM JUNO!
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> Join Juno today! For your FREE software, visit:
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>

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10. [htaprs] Garmin III GPS receiver as position display

From: "James Moseley" <jamesmo402@yahoo.com>
Date: Fri, 9 Mar 2001 15:41:17
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139687-2001.03.09-15.56.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have read that the Garmin II plus and III GPS receivers can display user
and other APRS stations positions. This can be done if the TNC is
configured to send that information to the GPS receiver. Has anyone tried
this or have info on setup?? I'm new at this and would be interested in
using the Kenwood TH-D7

Thanks,

James

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] RE: Garmin III GPS receiver as position display

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Fri, 9 Mar 2001 13:53:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-139688-2001.03.09-16.08.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I recall, my TH-D7A (not G) does this by default, with both my GPS 12 and GPS III+. You may have to insure that the GPS is configured for bi-directional communications, but it's been long enough that I no longer remember. In any event, you're not going to harm things. I learned this after being told by another ham that he was following me down the road, using his GPS II - and he was telling me he was two miles behind me, quite consistently.

Hope that helps!

73, Bob

Robert Donnell, KD7NM (206) 542-7661
18828 Midvale Ave N mailto:kd7nm@pugetsound.net
Shoreline, WA 98133
Western Washington Amateur IP Address Coordinator

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of James Moseley
Sent: Friday, March 09, 2001 3:41 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Garmin III GPS receiver as position display

I have read that the Garmin II plus and III GPS receivers can display user and other APRS stations positions. This can be done if the TNC is configured to send that information to the GPS receiver. Has anyone tried this or have info on setup?? I'm new at this and would be interested in using the Kenwood TH-D7

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12. [htaprs] Re: Garmin III GPS receiver as position display

From: "Mark Endicott" <endicott@nashville.com>
Date: Fri, 9 Mar 2001 15:52:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139692-2001.03.09-16.26.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I did it by accident with a D-700 and II plus in APRS mode. Just filled up the screen in about 10 minutes, cute but worthless.

Mark

----- Original Message -----
From: "James Moseley" <jamesmo402@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, March 09, 2001 3:41 PM
Subject: [htaprs] Garmin III GPS receiver as position display

> I have read that the Garmin II plus and III GPS receivers can display user
> and other APRS stations positions. This can be done if the TNC is
> configured to send that information to the GPS receiver. Has anyone tried
> this or have info on setup?? I'm new at this and would be interested in
> using the Kenwood TH-D7
>
> Thanks,
>
> James
>
> ---
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>
>

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13. [htaprs] Basic D7 antenna question

From: "George Kuzmowycz" <kuzmowycz@alum.mit.edu>
Date: Fri, 9 Mar 2001 18:07:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139704-2001.03.09-17.24.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Folks:

  This may be a dumb or elementary question about antennas, so
please be gentle.

  The anecdotal evidence on this reflector and elsewhere is that an
aftermarket antenna is much better than the stock rubber duck on the
TH-D7. I've seen mention of the Comet SMA-503, I think, and a similar
model from Diamond. Yet when I look at the manufacturers' specs on
these models, they show 0 dB gain on 2M. So how does one explain
"better" here?

    -gk-

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14. [htaprs] RE: Basic D7 antenna question

From: "Robert Donnell" <kd7nm@pugetsound.net>
Date: Fri, 9 Mar 2001 16:01:16 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139710-2001.03.09-18.20.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pretty easily

Gain is referenced to a 1/4 vertical (in most VHF environments, anyway) and
the gain of the aftermarket antennas is either the same as (if they are the
same size as) that reference antenna. The stock antennas supplied with the
radios have negative gain (or loss) as compared to the reference 1/4 ground
plane antenna. The stock antennas seem to have more loss than most of the
aftermarket antennas, even for ones with about the same radiator length.

As a side note, virtually all handheld antenna applications can be aided by
connecting a 1/4 "counterpoise" off of the antenna's ground connection.
This can be as simple as a 1/4 wire attached to an alligator clip that you
can 'grab' the SMA (or BNC) connector's outer shell with. The theory here
is that by adding the counterpoise you are providing the 'other half' of the
antenna that is provided by the ground plane when you use a 1/4 ground
plane, or the other half of the dipole, when the radiator is part of a
center-fed antenna, because the typical handytalky body isn't big enough to
do that job on its own, at 144 MHz.

Hope that helps!

73, Bob

Robert Donnell, KD7NM   (206) 542-7661
18828 Midvale Ave N   mailto:kd7nm@pugetsound.net
Shoreline, WA 98133
       Western Washington Amateur IP Address Coordinator

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of George Kuzmowycz
Sent: Friday, March 09, 2001 3:07 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Basic D7 antenna question

  Folks:

This may be a dumb or elementary question about antennas, so
please be gentle.

The anecdotal evidence on this reflector and elsewhere is that an
aftermarket antenna is much better than the stock rubber duck on the
TH-D7. I've seen mention of the Comet SMA-503, I think, and a similar
model from Diamond. Yet when I look at the manufacturers' specs on
these models, they show 0 dB gain on 2M. So how does one explain
"better" here?

-gk-

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: Basic D7 antenna question

From: "hasan schiers" <schiers@netins.net>
Date: Fri, 9 Mar 2001 18:37:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139712-2001.03.09-18.53.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The existing antenna supplied with h/t's has a gain of say, -10 dBi.
Replacing it with an antenna of 0 or 2 dBi, yields a 10 to 12 dB
improvement.

Make sense? Duckies are notorious dummy loads. The aftermarket, non-duckies
are actually reasonable antennas as opposed to rubber ducky, dummy loads.

hasan schiers, NØAN
schiers@netins.net

----- Original Message -----
From: "George Kuzmowycz" <kuzmowycz@alum.mit.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, March 09, 2001 5:07 PM
Subject: [htaprs] Basic D7 antenna question

> Folks:
>
> This may be a dumb or elementary question about antennas, so
> please be gentle.
>
> The anecdotal evidence on this reflector and elsewhere is that an
> aftermarket antenna is much better than the stock rubber duck on the
> TH-D7. I've seen mention of the Comet SMA-503, I think, and a similar
> model from Diamond. Yet when I look at the manufacturers' specs on
> these models, they show 0 dB gain on 2M. So how does one explain
> "better" here?
>
> -gk-
>
>
>
> ---
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16. [htaprs] Re: Basic D7 antenna question

From: Skip Allison <sallison@megsinet.net>
Date: Fri, 09 Mar 2001 23:22:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139730-2001.03.09-23.40.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It seems like Kenwood has shipped out a lot of bad antennas on the D7.
I haven't figured out what could be wrong with them. Mine seems to work
fine. I've tried a number of antennas including Pryme, and Comet - none
of which seems any better than the original. (These were similar in
size to the original) One of the really long antennas may have had a
slight edge when you hold it still, but it was so flexible that weak
signals varied a lot as the antenna flopped around. I've also compared
the D7 to my IC31 and can't see any difference.

Skip
K9SA

George Kuzmowycz wrote:
>   Folks:

>   This may be a dumb or elementary question about antennas, so
> please be gentle.

>   The anecdotal evidence on this reflector and elsewhere is that an
> aftermarket antenna is much better than the stock rubber duck on the
> TH-D7. I've seen mention of the Comet SMA-503, I think, and a similar
> model from Diamond. Yet when I look at the manufacturers' specs on
> these models, they show 0 dB gain on 2M. So how does one explain
> "better" here?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: Basic D7 antenna question

From: "hasan schiers" <schiers@netins.net>
Date: Sat, 10 Mar 2001 07:01:48 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139766-2001.03.10-07.17.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We made some measurements on the ducky that came stock with the Icom IC-02,
02at, 32 (dual bander) and on 2m they were 6 to 8 dB down from a homebrew
1/4 wave on 2m and about 4 to 5 dB down on 70cm from that same homebrew 5/8
on 70cm.

I have not measured the Kenwood D7 antenna...I do know that doing nothing
more than putting on the 17 inch dual band 3rd party antennas takes me from
being unable to reach the local repeater 18 miles from here, to solid copy.

Overall, duckies are inefficient. If someone has one that isn't, they've hit
the mother lode <grin>. My best "guess" is that a really good one would be 3
dB down from a true 1/4 wave. Most are 6 to 10 dB down, from results others
have discussed with me. The D7 may be quite a bit worse than 3 dB down as
Skip indicates. (or at least some of them). Everyone I've talked to except
Skip says they are really poor, as is mine.

I can't recall if mine is the Diamond or the Pryme...I think it may be the
Diamond, but it is the difference between "go" and "no-go" for my D7...of
course, I'm on the fringes of the repeaters, living out in the sticks.

73
hasan schiers, NØAN
schiers@netins.net

----- Original Message -----
From: "Skip Allison" <sallison@megsinet.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, March 09, 2001 11:22 PM
Subject: [htaprs] Re: Basic D7 antenna question

>
> It seems like Kenwood has shipped out a lot of bad antennas on the D7.
> I haven't figured out what could be wrong with them. Mine seems to work

> fine. I've tried a number of antennas including Pryme, and Comet - none
> of which seems any better than the original. (These were similar in
> size to the original) One of the really long antennas may have had a
> slight edge when you hold it still, but it was so flexible that weak
> signals varied a lot as the antenna flopped around. I've also compared
> the D7 to my IC31 and can't see any difference.
>
> Skip
> K9SA
>
> George Kuzmowycz wrote:
> >   Folks:
>
> >   This may be a dumb or elementary question about antennas, so
> > please be gentle.
>
> >   The anecdotal evidence on this reflector and elsewhere is that an
> > aftermarket antenna is much better than the stock rubber duck on the
> > TH-D7. I've seen mention of the Comet SMA-503, I think, and a similar
> > model from Diamond. Yet when I look at the manufacturers' specs on
> > these models, they show 0 dB gain on 2M. So how does one explain
> > "better" here?
>
> ---
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18. [htaprs] Basic D7 antenna question #2

From: RASNM@aol.com
Date: Sat, 10 Mar 2001 08:37:38 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139769-2001.03.10-07.53.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 3/10/01 6:03:32 AM Mountain Standard Time,
schiers@netins.net writes:

<< We made some measurements on the ducky that came stock with the..... >>

I have installed a remote rubber duck on the outside of my camper van and
connected to my D7A via coax and BNC adapter.

In terms of wavelength is the length of the coax important? Coax may be 12+/-
feet long.

I ask for 2 reasons: output seems to be less (though I have not tested this
thoughtfully) and The carbon monoxide detector sometimes goes off when I
transmit.

73-Ron-KD5HTY

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19. [htaprs] Re: Basic D7 antenna question #2

From: "hasan schiers" <schiers@netins.net>
Date: Sat, 10 Mar 2001 08:05:48 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139772-2001.03.10-08.22.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Ron,

My comments are interspersed in your text. See below:

hasan schiers, NØAN
schiers@netins.net

----- Original Message -----
From: <RASNM@aol.com>
To: <schiers@netins.net>; <htaprs@lists.tapr.org>
Sent: Saturday, March 10, 2001 7:37 AM
Subject: Basic D7 antenna question #2

> In a message dated 3/10/01 6:03:32 AM Mountain Standard Time,
> schiers@netins.net writes:
>
> << We made some measurements on the ducky that came stock with the......
>>
>
> I have installed a remote rubber duck on the outside of my camper van and
> connected to my D7A via coax and BNC adapter.

The rubber duck is meant to "work against" some sort of ground plane, usually the body of the h/t itself. What is the ground plane that the ducky remotely mounted on the camper is "using"? Is there a metal connection between the ring or "outside" of the bnc connector at the antenna and a decent ground plane? If so, it should work, although it still might be "detuned". The duckies are designed for a less than optimum ground (the h/t frame). If you put them over a perfect or really good ground plane, they are detuned. That might explain what you are seeeing..

Instead of putting a ducky on your camper, why not put a simple 1/4 wave 2m antenna at the same spot. Make it of stiff wire, like a piece of welding rod (dirt cheap), 19 inches long. Solder it directly into the center conductor of a PL-259 (insulate it with some coax dielectric from some RG/8 coax, or simply cover it with tape where it goes into the connector. You now have a 1/4 wave antenna with a PL-259 on the end. If your mount on the camper is BNC, then just go to Radio Shack and buy an adapter that goes from FEMALE PL-259 to MALE BNC...they have them in stock in most places. Put the adapter on the antenna I just described and wa la! , you have an antenna that will outperform your duckie for next to nothing.

The 2m antenna will work "marginally" as a 70cm antenna. If your 70cm antenna needs are limited, do as I indicated above. If, however, you need good 70cm and 2m performance at the same time, do this:

Use any standard replacement whip that is springy steel. They are sold all over the place. Do just what I noted above, EXCEPT:

Where the whip comes out of the PL-259, make a one turn coil out of the whip (maybe 1/2 inch above where the whip comes out of the PL-259). Make the coil about 1.25 inches in diameter, and the start and end of the the one turn might be about a quarter of an inch apart, so it's not a real tight coil. >From the top of the coil, go up 17 inches. You now have a dual band 2m/70cm antenna that will beat the socks off any dual band ducky I have seen.

This is not a "perfect" antenna. It is a throw together, el-cheapo that works a lot better than a ducky and works on both bands, and isn't too long, quite strong.
>
> In terms of wavelength is the length of the coax important? Coax may be
12+/-
> feet long.
>

Yes, loss is important. What kind of coax are you running for the 12' length? If it is at least RG-58, and you make the antenna I described above, you will still be ahead of the game. I don't have a table in front of me, but let's say it is RG-58 and that that coax has a loss of 10dB per 100' on 2m. Your 12' of coax is adding another 1.2 dB loss to your signal. (I have no idea if I guessed even remotely close to the actual loss of RG-58 on 2m...check with someone)

Bottom Line:

Replace the rubber duck on the camper with a real antenna and no matter what coax you use, you'll still be ahead of the game....and by quite a bit. If the coax you are using to the antenna is smaller than the size of a pencil or small ballpoint, it is terribly lossy.

> I ask for 2 reasons: output seems to be less (though I have not tested
this
> thoughtfully) and The carbon monoxide detector sometimes goes off when I
> transmit.

>

Hope this helps ya. 73

> 73-Ron-KD5HTY
>

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20. [htaprs] Re: Garmin III GPS receiver as position display

From: "Walter Dunckel" <walter@radiohound.com>
Date: Sat, 10 Mar 2001 07:48:20 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139781-2001.03.10-09.58.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Endicott wrote:

> I did it by accident with a D-700 and II plus in APRS mode. Just filled
up
> the screen in about 10 minutes, cute but worthless.

I find it quite usefull myself, and I live in one of the most active APRS
areas. If you are using the D7 or D-700 without a laptop, this is definately
the best way to find out who is nearby. It sure beats scrolling through the
heard list to find out who is closest. And pos limit lets you filter out
stations that are ten miles or more away. And it's cute to boot!

Walter

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21. [htaprs] Re: Basic D7 antenna question

From: Arte Booten <n2zrc@webspan.net>
Date: Sat, 10 Mar 2001 16:03:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-139838-2001.03.10-15.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Robert D. wrote:

>... handheld antennas can be aided by connecting a 1/4 "counterpoise"

     I've been using a TigerTronics "Tiger Tail" for years, and can at-
test to this being true. It's about 19 inches long and has what looks
like a washer at one end with notches for the "teeth" of a BNC connector
to slip through. It sits atop the radio's BNC connector and the antenna
and just hangs down from there.

     One could just as easily make one using very flexible wire and us-
ing a ring connector properly notched out. I doubt gauge matters much
(it's not going to be carrying much amperage), but you may want to seal
the far end with something soft and water resistant to keep it dry and
safe from poking through clothes, skin, eyes, etc.   73
+--+
|Arte Booten <n2zrc@arrl.net> AEC for Digital Services, NYC ARES/RACES|
|Riverdale, New York   [FN30bu]   !4052.71N/07354.06WNPHG5370/A=00240|
|PGP Key Fingerprint: D73E B889 C630 6F4A F31F 3083 56BD 0AAD 9996 3B03|
+--+

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22. [htaprs] New TH-D7A(G) owner - getting started

From: Phil Reed <preed@dnaco.net>
Date: Mon, 12 Mar 2001 22:15:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24-2001.03.12-22.55.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Went out last week and bought myself a brand new TH-D7A(G). After reading
some messages about the quality of the stock duck, went back today and got
one of those long dual-band flexi-antennas, plus some other odds and ends.

As I'm just getting into APRS, I'm still trying to figure out what to do
next. (I do have a station at my house, if anybody's interested in watching
my house not move around the countryside.) I remember seeing people getting
into some of the satellites - what's the best way to experiment with that?

Thanks in advance.

...phil / w8sca

"For a list of all the ways technology has failed
to improve the quality of life, press 3."

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23. [htaprs] Re: htaprs digest: March 12, 2001

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Wed, 14 Mar 2001 14:52:17
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-341-2001.03.14-09.07.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Phil--
Welcome to the TH-D7A(G) crowd. I would start with an antenna to get into
satellite stuff. I've just ordered an Arrow Antenna for 2-m and 70-cm. It
has two yagis on one boom, 3 elements for 2 m and 7 elements for 70 cm. On
the back end is a foam handle so you can point it to the satellite by hand.
I ordered the one with the "split boom" so it can be disassembled and
conveniently placed in a backpack. For more information, enter "Arrow
Antenna" in your search engine. AES also sells Arrow Antennas, but their
catalog doesn't have as much information as you can find on the Arrow
Antenna website. If you'd like to homebrew a similar antenna, chapters 18
and 19 of the newest ARRL Antenna Book is full of ideas. Good luck!
73, Bruce Prior N7RR in Blaine, WA

----Original Message Follows----
From: "TAPR Hot Technology APRS digest" <htaprs@lists.tapr.org>
Reply-To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
To: "htaprs digest recipients" <htaprs@lists.tapr.org>
Subject: htaprs digest: March 12, 2001
Date: Tue, 13 Mar 2001 00:00:50 -0600

TAPR Hot Technology APRS Digest for Monday, March 12, 2001.

1. New TH-D7A(G) owner - getting started

Subject: New TH-D7A(G) owner - getting started
From: Phil Reed <preed@dnaco.net>
Date: Mon, 12 Mar 2001 22:15:15 -0500
X-Message-Number: 1

Went out last week and bought myself a brand new TH-D7A(G). After reading
some messages about the quality of the stock duck, went back today and got
one of those long dual-band flexi-antennas, plus some other odds and ends.

As I'm just getting into APRS, I'm still trying to figure out what to do
next. (I do have a station at my house, if anybody's interested in watching
my house not move around the countryside.) I remember seeing people getting
into some of the satellites - what's the best way to experiment with that?

Thanks in advance.

...phil / w8sca

"For a list of all the ways technology has failed
to improve the quality of life, press 3."

END OF DIGEST

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_____
Get your FREE download of MSN Explorer at http://explorer.msn.com

---
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24. [htaprs] Visor + D7A

From: "Keiser, Mark" <mkeiser@chi.navtech.com>
Date: Wed, 14 Mar 2001 09:21:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-345-2001.03.14-09.37.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No - I'm not talking about the thing you wear on your head, I'm talking
about the Handspring unit. ;-)

I have a Visor Prism, and I just received the Datacord from Mark Space
(www.markspace.com/datacord.html) (the model I have is the DCH-M9). I would
appreciate anyone telling me how they wired this so that it will 'drive' the
D7A. I am being very cautious, since I don't want to fry either the Visor
or the D7A. If anyone on the list has done it (or knows someone and can
find out), receiving the pin-outs would be very helpful.

73s de N4OGL
Mark
(Chicago)

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25. [htaprs] Re: Visor + D7A

From: John Gorkos <jgorkos@slb.com>
Date: Wed, 14 Mar 2001 09:37:29 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-348-2001.03.14-09.52.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark-
  I have the same setup, and it worked great, for a week or so. Then my
Visor went south on me. I can't tell you if it was cause-effect, or just bad
luck. The M9 cable is wired to make your Visor look like a DTE (Data
terminal equipment), i.e. a PC. So, the cable that you use to talk from your
PC to your D7 wil work with the M9 cable. The cable draws power from the
visor and uses it to provide voltage to the charge-pump chip in the connector
to drive the TTL<->RS-232 converter.

  Make sure you are using a WELL-FILTERED power cable to the D7 if you use it
in an automobile. You'll also want toroids on your data cable between the D7
and the Visor. According to Mike Musick, when I asked him why the D7 would
do a modem reset after I transmitted once with PocketAprs and it would never
transmit again:

>I think I know *exactly* what's happening, here, John - the TNC is
>resetting after that first transmit. Not widely publicized is that

>the D7 TNC is RF-sensitive. If all ducks aren't in their given rows
>when you've attached umbilicals (particularly by not using the
>Kenwood power adapter), running at 5W - even with an external antenna
>- will dump the TNC.

>First thing to try is doing this whole exercise with the transmit
>power at "EL". It should fly. Bump it up to "L" and try again; it
>should still be OK. Then try it at "H" - if this is what I think it
>is, the next key-up will be your last until you reinitialize.

>I'm next to certain it's from RF coming in through the power cord to
>the D7, but that's not to dismiss that it might be coming in through
>the serial connections to the GPS and/or Visor. Personally, I solve
>this problem by building my own cables with twisted hookup wire.

Mike was right on the money with this response. It worked for about an hour, and then my Visor display went South. I am ALMOST certain that the problem is with the internal connections in the Visor, and NOT due to RF, but I can't tell you that for sure. Currently, my Visor display will work for about 30 seconds, then start to fade and waver, eventually becoming useless after 60 seconds or so. Of course, I have one of the earliest Visors, and the warranty expired a month ago, so I have to pay the $85 to get it fixed. If you want to hold of on your expirimentation for a week or so, I'll have my replacement in and let you know how it's holding up.

Your mileage may vary.
John Gorkos

On Wednesday 14 March 2001 09:21, Keiser, Mark spake thusly:
> No - I'm not talking about the thing you wear on your head, I'm talking
> about the Handspring unit. ;-)
>
> I have a Visor Prism, and I just received the Datacord from Mark Space
> (www.markspace.com/datacord.html) (the model I have is the DCH-M9). I
> would appreciate anyone telling me how they wired this so that it will
> 'drive' the D7A. I am being very cautious, since I don't want to fry
> either the Visor or the D7A. If anyone on the list has done it (or knows
> someone and can find out), receiving the pin-outs would be very helpful.
>
> 73s de N4OGL
> Mark
> (Chicago)
>
> ---
> You are currently subscribed to htaprs as: jgorkos@san-carlos.rms.slb.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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26. [htaprs] Re: Visor + D7A

From: mulveyr@iname.com
Date: Wed, 14 Mar 2001 10:38:34 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-350-2001.03.14-09.56.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Charset iso-8859-1 unsupported, filtering to ASCII...]
> No - I'm not talking about the thing you wear on your head, I'm talking
> about the Handspring unit. ;-)
>
> I have a Visor Prism, and I just received the Datacord from Mark Space
> (www.markspace.com/datacord.html) (the model I have is the DCH-M9). I would
> appreciate anyone telling me how they wired this so that it will 'drive' the
> D7A. I am being very cautious, since I don't want to fry either the Visor
> or the D7A. If anyone on the list has done it (or knows someone and can
> find out), receiving the pin-outs would be very helpful.

   I haven't rung them out, but I can attest that the MarkSpace cord works perfectly well when wired to a DB-9/2.5mm plug, as described in the THD7 manual, and when used with PocketAPRS.

- Rich

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27. [htaprs] More Visor questions

From: "Keiser, Mark" <mkeiser@chi.navtech.com>
Date: Wed, 14 Mar 2001 09:50:03 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-352-2001.03.14-10.05.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,

Thanks for the message - I am indeed interested in what transpires after you get your Visor back from the hospital.

Here's what I did so far (and it didn't work): I took the markspace cord (the DCH-M9) and plugged it into the Kenwood-made cord that comes with the software (the MCP-D7 program) that is chock-full of ferrite cores. I plugged it into the Kenwood and into the Visor, turned both on and launched pocketAPRS.

Nothing - no reaction from the Kenwood, even after several tries.

So - being cautious, I decided to post to the list before I got creative on my own. I did open up the D9 end of the datacord to discover that there was only what appeared to be a capacitor wired between pins 4 and 5, with cable connections going to (if I remember it correctly - it's not here now) 2,3,4,5 and 7.

So - I am especially interested in the pinouts from the datacord, to make sure I am putting them in the right place.

Does this give you folk more information?

Mark

> -----Original Message-----
> From: John Gorkos [mailto:jgorkos@slb.com]
> Subject: [htaprs] Re: Visor + D7A
>
>
> Mark-
> I have the same setup, and it worked great, for a week or so. Then my
> Visor went south on me. I can't tell you if it was cause-effect, or just bad
> luck. The M9 cable is wired to make your Visor look like a DTE (Data
> terminal equipment), i.e. a PC. So, the cable that you use
> to talk from your PC to your D7 will work with the M9 cable. The cable draws
> power from the visor and uses it to provide voltage to the charge-pump chip
> in the connector to drive the TTL<->RS-232 converter.
>
> Make sure you are using a WELL-FILTERED power cable to the
> D7 if you use it in an automobile. You'll also want toroids on your data
> cable between the D7 and the Visor. According to Mike Musick, when I asked him
> why the D7 would do a modem reset after I transmitted once with PocketAprs and
> it would never transmit again:
>
> >I think I know *exactly* what's happening, here, John - the TNC is
> >resetting after that first transmit. Not widely publicized is that
> >the D7 TNC is RF-sensitive. If all ducks aren't in their given rows
> >when you've attached umbilicals (particularly by not using the
> >Kenwood power adapter), running at 5W - even with an
> external antenna - will dump the TNC.
>
> >First thing to try is doing this whole exercise with the transmit
> >power at "EL". It should fly. Bump it up to "L" and try again; it
> >should still be OK. Then try it at "H" - if this is what I think it
> >is, the next key-up will be your last until you reinitialize.
>
> >I'm next to certain it's from RF coming in through the power cord to
> >the D7, but that's not to dismiss that it might be coming in through

> >the serial connections to the GPS and/or Visor. Personally, I solve
> >this problem by building my own cables with twisted hookup wire.
>
> Mike was right on the money with this response. It worked
> for about an hour, and then my Visor display went South. I am ALMOST
certain
> that the problem is with the internal connections in the Visor, and NOT
due to
> RF, but I can't tell you that for sure. Currently, my Visor display will

> work for about 30 seconds, then start to fade and waver, eventually
becoming
> useless after 60 seconds or so. Of course, I have one of the earliest
Visors, and the
> warranty expired a month ago, so I have to pay the $85 to get
> it fixed. If you want to hold of on your expirimentation for a week or
so,
> I'll have my replacement in and let you know how it's holding up.
>
> Your mileage may vary.
> John Gorkos
>

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28. [htaprs] More Visor questions, RS232 pin outs

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 14 Mar 2001 10:58:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-353-2001.03.14-10.13.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

 Here is a WEB site for RS-232 pin outs.

http://www.airborn.com.au/rs232.html

 Lots more sites can found by WEB searching for RS-232 pin outs. Hope this
helps.

    Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

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29. [htaprs] Re: More Visor questions

From: mulveyr@iname.com
Date: Wed, 14 Mar 2001 11:03:56 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-355-2001.03.14-10.20.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

[Charset iso-8859-1 unsupported, filtering to ASCII...]
> John,
>
> Thanks for the message - I am indeed interested in what transpires after you
> get your Visor back from the hospital.
>
> Here's what I did so far (and it didn't work): I took the markspace cord
> (the DCH-M9) and plugged it into the Kenwood-made cord that comes with the
> software (the MCP-D7 program) that is chock-full of ferrite cores. I
> plugged it into the Kenwood and into the Visor, turned both on and launched
> pocketAPRS.

>
> Nothing - no reaction from the Kenwood, even after several tries.
>
> So - being cautious, I decided to post to the list before I got creative on
> my own. I did open up the D9 end of the datacord to discover that there was
> only what appeared to be a capacitor wired between pins 4 and 5, with cable
> connections going to (if I remember it correctly - it's not here now)
> 2,3,4,5 and 7.
>
> So - I am especially interested in the pinouts from the datacord, to make
> sure I am putting them in the right place.
>
> Does this give you folk more information?

   Actually, all of the important guts are in the visor-end of the cable. You
probably don't want to open that up. :-)

   Just for a quick test - install a terminal program like 'mterm' from
palmgear.com, and try using it to talk directly to the TNC on the D7A,
or an external modem. You should see the command prompts.

   But, like I said in my other message, I have the same setup (using a
Visor Deluxe + homemade D7A cable) and it works fine.

- Rich

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30. [htaprs] Re: More Visor questions

From: John Gorkos <jgorkos@slb.com>
Date: Wed, 14 Mar 2001 10:42:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-369-2001.03.14-10.57.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wednesday 14 March 2001 10:03, mulveyr@iname.com spake thusly:
>
>   Actually, all of the important guts are in the visor-end of the cable.
> You probably don't want to open that up. :-)
>
>   Just for a quick test - install a terminal program like 'mterm' from
> palmgear.com, and try using it to talk directly to the TNC on the D7A,
> or an external modem. You should see the command prompts.
>
>   But, like I said in my other message, I have the same setup (using a
> Visor Deluxe + homemade D7A cable) and it works fine.
>
> - Rich
>
Actually, to expand on this, take a paper clip and unbend it, then reshape it
into a "U". Now, stick one end on pin 2, and one end on pin 3 of the M9
cable. It's a little bit of a PIA because they're pins, and not holes, but
you can do it with practice... With the jumper on, enter a few characters
into mterm (I use di-con, same difference) and you should see your characters
echoed back. If you pass that test, plug your D7 cable into the M9
connecter, and using the same paperclip, short the tip and ring together, and
try echoing characters back. If that works, make sure you are in TNC mode
(hit TNC TWICE on the D7) and not APRS mode.

Good luck,
John Gorkos

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31. [htaprs] Another TH-D7A(G) question

From: Phil Reed <preed@dnaco.net>
Date: Wed, 14 Mar 2001 20:33:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-468-2001.03.14-19.52.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Another new owner question: Does somebody have a description of what the
various TH-D7A(G) beeps mean?

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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32. [htaprs] kam allmode & kp-88 tnc's

From: "ANDY VE7FTR" <ve7ftr@home.com>
Date: Wed, 14 Mar 2001 19:17:45 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-500-2001.03.14-21.30.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi
would anyone know the aprs settings [vhf] for the KAM ALL MODE TNC [5.0
ver.] ?
and also the KP-88 TNC aprs settings ?
i'm using the WINAPRS program.
thanks
andy VE7FTR

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33. [htaprs] TH-D7 and Garmin E-Map

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Thu, 15 Mar 2001 12:01:21 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-683-2001.03.15-12.17.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have the cable specs (pin outs) for attaching the Garmin E-Map to the Kenwood TH-D7A ?

Are RF chokes necessary on this cable ?

73 de,

Don DeJarnette
KC4YRT

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)
Phone (205) 349-2852   Ext. 223

34. [htaprs] Re: TH-D7 and Garmin E-Map

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Thu, 15 Mar 2001 12:18:07 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-689-2001.03.15-12.33.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:01 PM 3/15/01, Don DeJarnette wrote:

>Does anyone have the cable specs (pin outs) for attaching the Garmin E-Map
>to the Kenwood TH-D7A ?
>
>Are RF chokes necessary on this cable ?
>

Do you have a connector for the eMap?
or a Garmin Cable?

The eMap is capable of accepting NMEA-IN so you might want to wire the
cable with all three conductors running through just for grins, if the
"noise" of the stations being accepted as waypoints annoys you, there are

several ways to stop/limit inputs:

1) Use the TH-D7's distance filter
2) Toggle accept NMEA-IN off in the eMap's menu
3) install a small switch inline with NMEA-IN

Don't have the pinouts in front of me, but with only 4 conductors to screw up, and one being a ground, you really only have to deal with two signal lines. No data = signal lines reversed.

And yes, RF chokes are a very very good idea.

You can customize the opening screen of your eMap. Probably not recommended by Garmin, but cool nonetheless:

http://ourworld.compuserve.com/homepages/gilles/

MeMap.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] APRS on Garmin III PLUS

From: "James Moseley" <jamesmo402@yahoo.com>
Date: Fri, 16 Mar 2001 16:0:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-944-2001.03.16-16.16.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone know the Garmin settings to displays APRS stations on the Garmin GPS. I have a Kenwood TH-D7a(g). I have had success with display on the palm pilot and a laptop.

Thanks,

James

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36. [htaprs] Setting up D7A(G)- What is this 2nd line?

From: "Patrick Boyle" <k0jpb@arrl.net>
Date: Fri, 16 Mar 2001 22:11:19
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-998-2001.03.16-22.27.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

I'm setting up a new D7A(G) and wonder what the characters are at the first of my 2nd line of the beacon. It looks like this:

K0JPB-7>S7QX3P,RELAY,WIDE [010316 21:56]: <<UI>>:
'y1;l n\>k0jpb@arrl.net

What is that "'y1;1"?

Thanks!

Patrick, k0jpb

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: Setting up D7A(G)- What is this 2nd line?

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 16 Mar 2001 23:37:14 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1000-2001.03.16-22.53.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 16 Mar 2001, Patrick Boyle wrote:

> I'm setting up a new D7A(G) and wonder what the characters are at the first
> of my 2nd line of the beacon. It looks like this:

Your altitude...
bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: APRS on Garmin III PLUS

From: "Walter Dunckel" <walter@radiohound.com>
Date: Fri, 16 Mar 2001 22:41:20 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1021-2001.03.17-00.51.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Does anyone know the Garmin settings to displays APRS stations on the
> Garmin GPS. I have a Kenwood TH-D7a(g). I have had success with display on
> the palm pilot and a laptop.

You need to select NMEA setting on the Garmin.

On the radio, select Waypoint (under the APRS menu) for 6 digits NMEA, and
select GPS unit to NMEA under the APRS menu.

That should do it. If you want to filter out the stations ten or more miles
away (so as not to hog your waypoint space with stations that are hundreds
of miles away) set the Position limit to the desired range.

Walter
http://www.radiohound.com

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39. [htaprs] Re: htaprs digest: March 16, 2001

From: LB <heracles@pandora.be>
Date: Sat, 17 Mar 2001 08:14:04 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1025-2001.03.17-01.31.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The second line of the beacon, is your GPS position crypted, this is method
is used by most Mic-E modules including the tiny track.

73's
ON9AAV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] VCH-1 Software and Windows 2000

From: Jon Ogden <na9d@mindspring.com>
Date: Sat, 17 Mar 2001 12:36:13 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1060-2001.03.17-12.54.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

I know this isn't APRS related per se, but the Kennwood list was no help and I thought that perhaps someone here has solved this problem. The other day I purchased the Kenwood KCT-24S software. This is the software from Kenwood to control and download/upload pictures from/to the VCH-1.

The machine I am running it on is running Windows 2000 Pro. I cannot get the software to recognize the serial port. I get an error that says, "Communications not active" when trying to use the software. Also, the connection status line in the software says that there is a connection error.

I asked Kenwood via e-mail and they say they don't know what's wrong as they have tested the software with Windows 2000. They say I need to activate the serial port. The TH-D7A software works fine though on this same machine. So it seems like the port works. I also was running Palm Desktop with the Palm Serial Port monitor, but I disabled the monitor software to free up the port.

I also tried the software on my Win2000 machine at work and on a Win98 machine. I worked fine on the Win98 machine, but wouldn't run on my other Win2000 machine.

What gives? Has anyone gotten the software to work with Win2000? How did you do it?

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Re: VCH-1 Software and Windows 2000

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Sat, 17 Mar 2001 17:34:04 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1091-2001.03.17-19.49.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood software (D700 and, it seems, the KCT-24S software) has problems with Windows 2000 and Windows Milennium. Kenwood confirmed this to me a few weeks ago.

Julian

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42. [htaprs] Hello From Utah

From: bmaxey1@juno.com
Date: Sun, 18 Mar 2001 21:30:21 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1297-2001.03.18-22.47.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

73's Everyone - H.C. Maxey here from Salt Lake City, Utah Call is KD7LUW.

I have a Kenwood Data Radio - DA7(G), and a Palm VII. I want to use both to participate in the world of APRS. Any tips out there for using both

devices will be appreciated.

QUESTION: Does anyone or have any of you used the Handspring with that little GPS Unit that inserts into the Card Slot? I think I understand it this way: The GPS needs to plug into the radio and most likely will not work in this manner. But what do I know, anyway.

QUESTION: Sources of Data Cables to connect the Palm to the Kenwood?

QUESTION: Since connection cables are no longer available from Palm, have any of you used the Hot Sync Cradle and then work out a simple plug to adapt to the serial cable connection? Good idea, Bad idea??? Seems like a good idea to me, but then, I had a glass of wine with dinner tonight, so it might be the wine talking.

Finally, I have tried in vain to connect to the local DX Packet Clusters. I can get a signal but I can't connect. I am trying this using default settings. Any tips out there. I will be the first to admit that I just might be in a poor location, so perhaps that is it.

Thanks one and all, glad to be a member of the group. I intend to create one of those silly little Yahoo Clubs for the Kenwood, so if there is interest, I will post the URL.

Useless personal Information: I worked for Megahertz Corp on the development of the X-Jack Connector, then we became a part of US Robotics, then 3Com and then MSL - a Contract Manufacturer. Palm was a big project throughout my working life at these companies - from initial development of the assembly process to large scale production and Beta Testing.

Bye

HC Maxey

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43. [htaprs] Dayton room available

From: rwf@bsrg.org
Date: Sun, 18 Mar 2001 23:34:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1300-2001.03.18-22.55.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am no longer on the main APRSSIG list, so I will make this offer to those on this one

Looks like I may have a spare Dayton room available this year. I get 10 each year for our local group, but a couple of guys backed out.
If any of y'all are interested, have a look at the following web page
http://bsrg.org/bsrg/dayton.html

The pricing there is based on 2 to a room.

Ralph   N4NEQ

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44. [htaprs] Re: VCH-1 Software and Windows 2000

From: Jon Ogden <na9d@mindspring.com>
Date: Sun, 18 Mar 2001 23:10:28 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1311-2001.03.18-23.26.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/17/01 7:34 PM, Julian Frost at jfrost@eclectic.ss.uci.edu wrote:

> The Kenwood software (D700 and, it seems, the KCT-24S software) has
> problems with Windows 2000 and Windows Milennium. Kenwood confirmed this
> to me a few weeks ago.

Interesting. I have no problem with the D700 software. But I'll admit,
I've not tried actually using it (just loaded it up), but the D7A software
works fine. The response I got from Kenwood on the VCH-1 software was that
it works fine with Windows 2000 and I must be doing something wrong. Here's
the text:

> Dear Kenwood Customer,
>
> Make sure you have the correct comm port connected. If you have any other
> software that uses the comm port connection via the sys tray eg. Palm Pilot,
> you need to turn it off. Otherwise, we have tested the software with Windows
> 2000 and works fine.
>
> 73 Kenwood

Now I have tried EVERY single thing I can think of and it doesn't work. I
think Kenwood just must be wrong.

In fact, this software is so poorly done that it has some words improperly
translated from Japanese. I forget what I did, but in one error message I
got an English word with an "l" where an "r" should have been. Too me it
seems like a hack.

It's amazing, the D7A and TMD-700A Software works fine with Win2000 yet for
some reason, the VCH-1 software does not. They used different comm drivers.
I am EXTREMELY upset that I paid $60 for a piece of software that doesn't
work properly and yes, has misspelled words.

I know Kenwood reads this list - at least they used to. I am VERY
disappointed.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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45. [htaprs] Re: KD7LUW questions

From: GeorgegeeG@aol.com
Date: Mon, 19 Mar 2001 01:33:06 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1327-2001.03.19-00.49.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Finally, I have tried in vain to connect to the local DX Packet Clusters.
I can get a signal but I can't connect. I am trying this using default
settings. Any tips out there. I will be the first to admit that I just
might be in a poor location, so perhaps that is it.

Did you click on the TNC button to change the protocol to packet, rather than
APRS?

Cables may be available from
http://www.blue-hills-innovations.com/products.htm
that's where I got cables to connect my DH7 to a Garmin GPS

Hope this helps
73's de George WB2GTC

46. [htaprs] Re: KD7LUW questions

From: Jon Ogden <na9d@mindspring.com>
Date: Mon, 19 Mar 2001 06:28:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-1353-2001.03.19-06.44.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/19/01 12:33 AM, GeorgegeeG@aol.com at GeorgegeeG@aol.com wrote:

> Finally, I have tried in vain to connect to the local DX Packet Clusters.
> I can get a signal but I can't connect. I am trying this using default
> settings. Any tips out there. I will be the first to admit that I just
> might be in a poor location, so perhaps that is it.
>

Also, what baud rate are you using (and I'll admit that I am late to the party here as I didn't see the original message) and what radio? If you are trying to use 9600 baud with the TH-D7A, forget it. The synthesizer in the radio takes too long to switch from transmit to receive and you'll have all sorts of problems.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: VCH-1 Software and Windows 2000

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 19 Mar 2001 09:20:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1386-2001.03.19-08.32.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been running the D700, D7 and G707 software on a win2000 machine with no problem.

Regards
Rich

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Julian Frost
Sent: Saturday, March 17, 2001 8:34 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: VCH-1 Software and Windows 2000

The Kenwood software (D700 and, it seems, the KCT-24S software) has problems with Windows 2000 and Windows Milennium. Kenwood confirmed this to me a few weeks ago.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: KD7LUW questions

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 19 Mar 2001 10:28:18 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1392-2001.03.19-09.44.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What software? APRSdos? WInAPRS? APRS+SA? etc?

bob

On Mon, 19 Mar 2001 GeorgegeeG@aol.com wrote:

> Finally, I have tried in vain to connect to the local DX Packet Clusters.
> I can get a signal but I can't connect. I am trying this using default
> settings. Any tips out there. I will be the first to admit that I just
> might be in a poor location, so perhaps that is it.
>
> Did you click on the TNC button to change the protocol to packet, rather than
> APRS?
>
> Cables may be available from
> http://www.blue-hills-innovations.com/products.htm
> that's where I got cables to connect my DH7 to a Garmin GPS
>
> Hope this helps
> 73's de George WB2GTC
>
>

de WB4APR@amsat.org, Bob

PCsat Design	http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs	http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages	http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES	http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite	http://www.toad.net/~wclement/bruninga/mic-lite.html

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: VCH-1 Software and Windows 2000

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 19 Mar 2001 09:26:20 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1393-2001.03.19-09.45.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since there are several ways to install Windows 2000, including over
Windows 98 (while leaving the 98 file structrure), means that just because
a piece of software works for you, doesn't necessarily work for all people.

73,

Mark
KC7BXS

At 08:20 AM 3/19/01, Richard Carter wrote:

>I've been running the D700, D7 and G707 software on a win2000 machine with
>no problem.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: KD7LUW questions

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 19 Mar 2001 09:32:36 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1395-2001.03.19-09.51.41--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

At 06:28 AM 3/19/01, Jon Ogden wrote:

>Also, what baud rate are you using (and I'll admit that I am late to the
>party here as I didn't see the original message) and what radio? If you are
>trying to use 9600 baud with the TH-D7A, forget it. The synthesizer in the
>radio takes too long to switch from transmit to receive and you'll have all
>sorts of problems.

The problem with TH-D7A on 9600 BPS isn't turn around time. It's that the
buffer is too small and the serial data stream are too slow. After a few
lines of data the buffer fills, overflows, and then starts dropping packets.

73,

Mark
KC7BS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: VCH-1 Software and Windows 2000

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 19 Mar 2001 08:58:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1400-2001.03.19-11.14.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 18 Mar 2001, Jon Ogden wrote:

> on 3/17/01 7:34 PM, Julian Frost at jfrost@eclectic.ss.uci.edu wrote:
>
> > The Kenwood software (D700 and, it seems, the KCT-24S software) has
> > problems with Windows 2000 and Windows Milennium. Kenwood confirmed this
> > to me a few weeks ago.
>
> Interesting. I have no problem with the D700 software. But I'll admit,
> I've not tried actually using it (just loaded it up), but the D7A software
> works fine.

The D700 software loads just fine, and runs just fine on Windows ME, until
you try to read or write to the radio, then it gives a Com Port time out
error. I asked Kenwood about it and was told that it doesn't work on
windows 2000 either, and that no solution was currently available, so
that's why I said what I said above.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Kenwood DCS

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 19 Mar 2001 12:59:09 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1413-2001.03.19-12.15.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How does Digital Coded Squelch work on the Kenwoods? I had thought it was
a coded tone burst, but I dont hear it, and it does not appear to work
through a repeater, so it must be subaudible or on the carrier itself and
neither get through a repeater without being modified...

Or am I doing something wrong.?
Set it ON with TONE
set CODE with T.SEL

Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: KD7LUW questions

From: Jon Ogden <na9d@mindspring.com>
Date: Mon, 19 Mar 2001 12:23:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1414-2001.03.19-12.39.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/19/01 9:32 AM, Mark Fellhauer at sparkfel@primenet.com wrote:

> The problem with TH-D7A on 9600 BPS isn't turn around time. It's that the
> buffer is too small and the serial data stream are too slow. After a few
> lines of data the buffer fills, overflows, and then starts dropping packets.

That may be one part of it, but I've had several 9600 baud packet experts
say the same thing I did.

The synthesizers in almost every FM rig are too slow for adequate turn
around time unless you use a digipeater. It's just a fact. If you make the
synthesizer switch fast enough, it screws up your loop bandwidth and that
causes signal distortion. In order to get a good signal, the settling time
of the synthesizer cannot be too fast. However, it is too slow for the
speed of 9600 baud packet. Sure, you could make your TXD longer, but then
that defeats the purpose of 9600 baud. Several of the experts on 9600 baud
packet in my area all say the same thing. They operate 9600 baud on
generally two kinds of radios: crystal controlled or multi-mode radios which
generally have separate synthesizers for TX and RX.

If you use a digipeater, it's not a problem since by the time the digipeater
retransmits your signal, and then retransmits the destination station's
signal, you've already settled on frequency.

Trust me, I've watched it with my own eyes. It's not a buffer issue at all.
I can see a local BBS (about 2 blocks from me) not be received. By the time
my TH-D7A gets back to RX, the BBS has finished transmitting or just
finishes!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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54. [htaprs] Re: Kenwood DCS

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 19 Mar 2001 13:25:35 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1415-2001.03.19-12.41.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ken and Dave provided the answer on DCS:

It is subaudible 137 Bps data that had even higher requirements on
low-pass than even CTCSS. Just like CTCSS< it wont get through the
repeater unless it has been modified..

THanks!
bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: KD7LUW questions

From: Mark Fellhauer <sparkfel@primenet.com>
Date: Mon, 19 Mar 2001 12:46:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1422-2001.03.19-13.06.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:23 PM 3/19/01, Jon Ogden wrote:

>Trust me, I've watched it with my own eyes. It's not a buffer issue at all.
>I can see a local BBS (about 2 blocks from me) not be received. By the time
>my TH-D7A gets back to RX, the BBS has finished transmitting or just
>finishes!

The buffer problem on the TH-D7 is well documented - and it makes the TH-D7 all but worthless on 9600 BPS. Turnaround times can reduce throughput and it results in excessive retries, but the buffer filling up after two lines of text renders the TH-D7 totally helpless at 9600 BPS. Large UI frames at 1200 BPS cause the TH-D7 to stop decoding packets, until the TNC is cycled or the unit is powered off and back on.

73,

Mark
KC7BXS

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56. [htaprs] Re: VCH-1 Software and Windows 2000

From: Phil Reed <preed@dnaco.net>
Date: Mon, 19 Mar 2001 18:04:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1463-2001.03.19-17.20.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>The machine I am running it on is running Windows 2000 Pro. I cannot get
>the software to recognize the serial port. I get an error that says,
>"Communications not active" when trying to use the software. Also, the
>connection status line in the software says that there is a connection
>error.

Is it possible that you have some software that has ahold of the serial port already? I run into that when I run something that wants to open the serial port and I forget to turn off my Palm Pilot Hotsync program, which camps out on COM1.

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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57. [htaprs] Kenwood THD7A THD7A(G) THD7E

From: "Dennis james" <denniswj@ozemail.com.au>
Date: Tue, 20 Mar 2001 10:43:48 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1471-2001.03.19-17.59.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to everyone on the list.

I would like to find out details on the above Kenwood HT's.

Does the D7A(G) transmitt and receive 9600 baud for APRS.

Does the D7E with firmware upgrades transmitt and receive 9600 baud for
APRS.

I understand that you can connect a computer to RX 9600 baud.

I have been trying to get someone to give me an answer on both radios.

Thanks

Dennis

VK2DOR

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] Re: VCH-1 Software and Windows 2000

From: Jon Ogden <na9d@mindspring.com>
Date: Mon, 19 Mar 2001 19:42:08 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1482-2001.03.19-19.58.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not that I can figure out. Again, Kenwood's TH-D7A software works fine with
my current configuration.

I think that the VC-H1 software just does not work on Windows 2000 in spite
of what Kenwood says. Guess I'll have a bone to pick with the Kenwood guys
at Dayton!

73,

Jon
NA9D

on 3/19/01 5:04 PM, Phil Reed at preed@dnaco.net wrote:

>> The machine I am running it on is running Windows 2000 Pro. I cannot get
>> the software to recognize the serial port. I get an error that says,
>> "Communications not active" when trying to use the software. Also, the
>> connection status line in the software says that there is a connection
>> error.
>
> Is it possible that you have some software that has ahold of the serial
> port already? I run into that when I run something that wants to open the
> serial port and I forget to turn off my Palm Pilot Hotsync program, which
> camps out on COM1.

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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59. [htaprs] Handspring Visor and KPC-3 with Garmin 12

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 20 Mar 2001 09:20:09 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1604-2001.03.20-08.36.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone have any suggestions...bought a Handspring Visor Deluxe, have a
Kantronics TNC, and a Garmin 12 GPS. I have had a dickens of a time getting
the Kantronics working with just the Garmin, so I wanted to add the PDA and
PalmAPRS. I can use the cable from MarkSpace for access to the TNC, but
then I won't have a serial connection for the GPS. Thoughts? Experiences?
What do I do now...buy another Kenwood and call it quits??

Todd Ellis, N2XL
Raleigh, NC

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60. [htaprs] Re: Handspring Visor and KPC-3 with Garmin 12

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 20 Mar 2001 07:42:58 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1615-2001.03.20-09.58.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Mar 2001, Todd Ellis wrote:

> Anyone have any suggestions...bought a Handspring Visor Deluxe, have a
> Kantronics TNC, and a Garmin 12 GPS. I have had a dickens of a time getting
> the Kantronics working with just the Garmin, so I wanted to add the PDA and
> PalmAPRS. I can use the cable from MarkSpace for access to the TNC, but
> then I won't have a serial connection for the GPS. Thoughts? Experiences?
> What do I do now...buy another Kenwood and call it quits??

If you have a Kantronics KPC3+ TNC with the more recent firmware,
you can connect the GPS to the TNC via two pins on the DE-9
connector. Then run pocketAPRS and it will query the TNC for the GPS
data.

Another TNC that you can use with a Visor or Palm and a GPS is the
dual-port Paccom Picopacket TNC.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] RE: Handspring Visor and KPC-3 with Garmin 12

From: "Todd Ellis" <ellistr@booth-assoc.com>
Date: Tue, 20 Mar 2001 10:58:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1628-2001.03.20-10.15.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Curt:

The other shoe drops. This is actually a commercial variant, the 9612, but
for all intents and purposes I believe it is KPC-3 compliant. Not sure
about connecting a GPS to the DB-9 on that one...should I ring Kantronics?

Todd Ellis, N2XL

> -----Original Message-----
> From: Curt Mills, WE7U [mailto:hacker@tc.fluke.com]
> Sent: Tuesday, March 20, 2001 10:43 AM
> To: Todd Ellis
> Cc: TAPR Hot Technology APRS
> Subject: Re: [htaprs] Handspring Visor and KPC-3 with Garmin 12
>
>

> On Tue, 20 Mar 2001, Todd Ellis wrote:
>
> > Anyone have any suggestions...bought a Handspring Visor Deluxe, have a
> > Kantronics TNC, and a Garmin 12 GPS. I have had a dickens of a
> time getting
> > the Kantronics working with just the Garmin, so I wanted to add
> the PDA and
> > PalmAPRS. I can use the cable from MarkSpace for access to the TNC, but
> > then I won't have a serial connection for the GPS. Thoughts?
> Experiences?
> > What do I do now...buy another Kenwood and call it quits??
>
> If you have a Kantronics KPC3+ TNC with the more recent firmware,
> you can connect the GPS to the TNC via two pins on the DE-9
> connector. Then run pocketAPRS and it will query the TNC for the GPS
> data.
>
> Another TNC that you can use with a Visor or Palm and a GPS is the
> dual-port Paccom Picopacket TNC.
>
> Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
> Senior Methods Engineer/SysAdmin
> "Lotto: A tax on people who are bad at math." -- unknown
> "Windows: Microsoft's tax on computer illiterates." -- WE7U
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] RE: Handspring Visor and KPC-3 with Garmin 12

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 20 Mar 2001 08:09:53 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1632-2001.03.20-10.26.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 20 Mar 2001, Todd Ellis wrote:

> The other shoe drops. This is actually a commercial variant, the 9612, but
> for all intents and purposes I believe it is KPC-3 compliant. Not sure
> about connecting a GPS to the DB-9 on that one...should I ring Kantronics?

Yea. The trick they did with the 3+ was they created a big-banging
receive only port out of some pins that went to the HC11 processor.
A little bit of code was all it took to make it receive the GPS
data and parse it.

I have no idea whether the same trick might apply to the 9612.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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63. [htaprs] New TH-D7A owner questions

From: Lee Barnett <lbarnett@claimsware.com>
Date: Wed, 21 Mar 2001 09:38:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-1915-2001.03.21-09.01.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought a new TH-D7A(G) at the Charlotte Hamfest a couple of weeks ago. I
needed a new, smaller dual band HT and the APRS stuff looked real
interesting. I haven't really done anything with APRS before. Only
download the software and watched the stuff come up on the map on my PC a
few times. The new D7A has got my interest up, however. The internet
connection like findu.com would be fun on the long trip to Dayton each
year. My family could see how far along we were.

I followed the manual, loaded my call and location, programmed the correct band and frequency. I turned on the beacon and every few beacon transmissions, I get "MY POSITION" on the screen. OK...now what? When I go to fundu.com I can find other stations that the D7A receives, but I can never find my call. I have played around with the path. I tried RELAY, WIDE and then N4VDE-3, WIDE. Am I missing something?

I also made up a cable for connection to the PC. I used the supplied cable and a DB9. I can program the radio fine and can get the CMD: prompt in packet mode. The problem is, anytime the computer or my GPS is plugged into the radio, the radio does not receive anything. Acts like RFI from the computer and/or GPS is wiping out the receiver. Anybody else had this problem?

Well...enough questions for now. Thanks for the help.
73,
Lee, N4GLB

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Re: New TH-D7A owner questions

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 21 Mar 2001 09:59:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-1946-2001.03.21-10.15.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I followed the manual, loaded my call and location, programmed the correct
>band and frequency. I turned on the beacon and every few beacon
>transmissions, I get "MY POSITION" on the screen. OK...now what? When I
>go to fundu.com I can find other stations that the D7A receives, but I can
>never find my call. I have played around with the path. I tried RELAY,
>WIDE and then N4VDE-3, WIDE. Am I missing something?

Set your path to WIDE3-3 to start with so that you'll be more likely to make it to an IGATE that will inject your packets to findu.

>I also made up a cable for connection to the PC. I used the supplied cable
>and a DB9. I can program the radio fine and can get the CMD: prompt in
>packet mode. The problem is, anytime the computer or my GPS is plugged
>into the radio, the radio does not receive anything. Acts like RFI from
>the computer and/or GPS is wiping out the receiver. Anybody else had this
>problem?

An important point is that when you put the radio in "TNC packet" mode, all the packets go back out the serial port to your computer (or whatever is attached), and the radio's APRS software does is not used. You may have some RFI problems, try moving the HT as far away as possible. If you can receive packets, you can look at what other HAMs in your area are using for paths to know whether 3 hops (WIDE3-3) is correct, or if you need more or less.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Palm web clipping for hams

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Wed, 21 Mar 2001 10:31:49 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: nwaprssig@nwaprs.org
Message-ID: <LYR845-1967-2001.03.21-12.47.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Pocket APRS users (or just Palm users) should go here:
http://wireless.palm.net/apps/users/main/1,1019,,00.html

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] I admit it - I am not too bright

From: bmaxey1@juno.com
Date: Wed, 21 Mar 2001 15:48:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2020-2001.03.21-17.06.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Gang ......

Perhaps I need to go to APRS - 101 to get this little bit of information, but I have a real problem understanding the finer points of APRS Packet Paths. Relay, Relay-Wide, Wide-Wide, Wide3-3, Center of the Universe, Known Galaxy? Can someone recommend some on-line source for info to help me better understand how best to set up / choose a proper path to use with my Kenwood Data Receiver?

This is simple for most of you old pros out there, but I still get confused about the subject.

I live in Salt Lake City, Utah. My interest is to monitor as much information as possible, regardless of where it comes from. I occasionally see APRS Data coming from 4-6,000 miles away, and this for some reason surprises me. I would suggest that I am setup correctly. However, it never hurts to ask questions just to be sure. Perhaps I ask too much? Not sure.

I will thank you all in advance for any info and titbits you send my way.

73's - HC Maxey,
KD7LUW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] Re: I admit it - I am not too bright

From: Jon Ogden <na9d@mindspring.com>
Date: Wed, 21 Mar 2001 19:08:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2035-2001.03.21-19.24.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK, let's see if an "old" (about 3.5 to 4 yrs now) APRS user can help!

Paths you set on your system only affect the signal you TRANSMIT, not what you receive.

RELAY: Short distance digipeater. Will digipeat any signal heard with relay in the path. The purpose is to fill holes for mobiles and handhelds that cannot necessarily hit a WIDE digipeater. A RELAY is a dumb digipeater. Use it ONLY as the first hop in your path. Never use RELAY after the first hop.

WIDE: A wide coverage area digipeater. May or may not have smarts built into it. Designed to cover a large (so to speak) area. Some digipeaters using Kantronics TNCs or using computer software have special smarts designed into them to help network efficiency. The newer WIDES will not retransmit a packet they have previously transmitted in say the last 30 seconds. The WIDEn-n protocol is used on some WIDES so that the WIDE can effectively track if it has digipeated your signal or not before. Some more advanced features let you send your signal in a certain direction only from the wide (not sure how much implementation this has).

Anyhow, for example, a path of RELAY, WIDE, WIDE would have the following happen:

Any digipeater with an alias of RELAY would retransmit your packet. Then
any WIDE that would hear it would retransmit it followed by any other wide
that could hear it. So in your local network, your packet could literally
be transmitted three or 4 times or more.

RELAY, WIDE3-3 means that a RELAY would retransmit your packet as in above.
The first wide that retransmits the packet would retransmit it, but the path
would be changed to WIDE3-2, meaning that it has 2 hops left. The next
digipeater would that hears it would then change the path to be WIDE3-1,
etc. This way digipeaters that have already transmitted your signal know
not to retransmit it. This helps network efficiency and reduces the amount
of redundant packets.

WIDE4-4 would do the same thing but through 4 digipeater hops, etc.

A GATE is a gateway between HF and VHF. The HF network is on numerous
frequencies but the most common one is 10.151 LSB. Yes, it LOOKS like it is
outside the ham bands but the lower sideband of 10.151 falls below 10.150 so
it is legit. A station on HF with GATE in the path will have their packet
retransmitted on a local VHF network by whatever GATEWAY station hears the
packet on HF. NEVER, NEVER GATE packets from VHF to HF. The reason is that
while VHF is 1200 baud, HF is only 300 baud. The HF channel would be
clogged by all the traffic from VHF.

GATES are why you see stations from very far away.

An i-GATE is an internet gateway. You do not have to specify this in your
path. Rather every i-GATE takes whatever signals they hear on VHF or HF and
send them to the internet servers. i-GATEs also function to send messages
back and forth between the internet and RF networks. Again, there is no
path setting for i-GATEs. They are all automatic. Internet traffic (with
the exception of messages) is not gated to VHF. however, for the same
reason that VHF traffic is not gated to HF. FAR too much of it.

There. I hope that helps. What you receive and see is due entirely to how
good your own setup is as well as how good your local network is.

73,

Jon
NA9D

on 3/21/01 4:48 PM, bmaxey1@juno.com at bmaxey1@juno.com wrote:

> Hello Gang ......
>
> Perhaps I need to go to APRS - 101 to get this little bit of information,
> but I have a real problem understanding the finer points of APRS Packet
> Paths. Relay, Relay-Wide, Wide-Wide, Wide3-3, Center of the Universe,
> Known Galaxy? Can someone recommend some on-line source for info to help
> me better understand how best to set up / choose a proper path to use
> with my Kenwood Data Receiver?
>
> This is simple for most of you old pros out there, but I still get
> confused about the subject.
>
> I live in Salt Lake City, Utah. My interest is to monitor as much
> information as possible, regardless of where it comes from. I
> occasionally see APRS Data coming from 4-6,000 miles away, and this for
> some reason surprises me. I would suggest that I am setup correctly.
> However, it never hurts to ask questions just to be sure. Perhaps I ask
> too much? Not sure.
>
> I will thank you all in advance for any info and titbits you send my way.

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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68. [htaprs] Re: New TH-D7A owner questions

From: Jon Ogden <na9d@mindspring.com>
Date: Wed, 21 Mar 2001 19:12:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2036-2001.03.21-19.28.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lee,

You may or may not have an i-Gate in your area. Reception on the RF network
by an i-Gate and retransmission on the internet is automatic. You don't
have to do anything.

Since you see the "My Packet" information, your packet IS getting out on
your local RF network. To see what the problem may be, try taking some of
the other calls you see in your local area and see if you can find them on
findu.com. If you cannot see any of them, then you may not have an i-Gate
in your local area. If you can see them, you probably do not have your
number of path hops set large enough in order for the i-Gate to hear you.
Try using RELAY, WIDE3-3 or RELAY, WIDE4-4 to hop further and possibly be
heard by the i-Gate.

Also remember that your packet may have collided with another packet at the
i-Gate's receiver. So you may have to transmit several posits before it
hears you and you get sent onto the internet.

73,

Jon
NA9D

ps: WELCOME TO THE WONDERFUL WORLD OF APRS!

on 3/21/01 8:38 AM, Lee Barnett at lbarnett@claimsware.com wrote:

> I bought a new TH-D7A(G) at the Charlotte Hamfest a couple of weeks ago. I
> needed a new, smaller dual band HT and the APRS stuff looked real
> interesting. I haven't really done anything with APRS before. Only
> download the software and watched the stuff come up on the map on my PC a
> few times. The new D7A has got my interest up, however. The internet
> connection like findu.com would be fun on the long trip to Dayton each
> year. My family could see how far along we were.
>
> I followed the manual, loaded my call and location, programmed the correct
> band and frequency. I turned on the beacon and every few beacon
> transmissions, I get "MY POSITION" on the screen. OK...now what? When I
> go to fundu.com I can find other stations that the D7A receives, but I can
> never find my call. I have played around with the path. I tried RELAY,
> WIDE and then N4VDE-3, WIDE. Am I missing something?
>
> I also made up a cable for connection to the PC. I used the supplied cable
> and a DB9. I can program the radio fine and can get the CMD: prompt in
> packet mode. The problem is, anytime the computer or my GPS is plugged
> into the radio, the radio does not receive anything. Acts like RFI from
> the computer and/or GPS is wiping out the receiver. Anybody else had this
> problem?
>
> Well...enough questions for now. Thanks for the help.
> 73,
> Lee, N4GLB
>
>
>
> ---
> You are currently subscribed to htaprs as: na9d@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

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69. [htaprs] good information

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 21 Mar 2001 17:19:56 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2037-2001.03.21-19.35.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

thanks jon, na9d for the time you spent on the info about wide and gates
etc.

i printed it out in case i find some one that needs it !

73

it was 85 and sunny in las vegas today

click on this link to find me http://map.findu.com/kd8s-7 or go
here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

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70. [htaprs] Kenwood TH-D7A(G) questions

From: Phil Reed <preed@dnaco.net>
Date: Wed, 21 Mar 2001 20:41:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2040-2001.03.21-19.57.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Experimenting with my new TH-D7A(G) and the dual-band capabilities, I've
come up with some questions:

Are there any ramifications in running in dual band mode with A on 144.39
and B on 440? I can transmit on one band without affecting the other band?

How about if bands A and B are both on 2 meters? What happens to band B
when the TNC decides to transmit? What happens to the TNC when I transmit
on 2M on band B? Would I be better off when using the TNC to just disable
band B entirely?

I'm confused by the software DCD settings. Anybody got a better explanation
than what's in the manual?

Thanks in advance.

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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71. [htaprs] Re: Kenwood TH-D7A(G) questions

From: "Richard Amirault" <ramirault@erols.com>
Date: Wed, 21 Mar 2001 20:55:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2060-2001.03.21-20.11.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My experiences are with the D-700. See comments below:

Richard Amirault N1JDU Boston,
MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Phil Reed" <preed@dnaco.net>
Subject: [htaprs] Kenwood TH-D7A(G) questions

> Are there any ramifications in running in dual band mode with A on 144.39
> and B on 440? I can transmit on one band without affecting the other band?

No. Transmitting on one band will affect the other ... during the time you
are transmitting the other band cannot receive...(similar to 'desensing'
that would happen with two seperate radios close together)

>
> How about if bands A and B are both on 2 meters?

Same as above.

> What happens to band B
> when the TNC decides to transmit? What happens to the TNC when I transmit
> on 2M on band B?

Same as above.

> Would I be better off when using the TNC to just disable
> band B entirely?

???? "better off" in what respect? You would then be using a dual band
radio as a single band rig.

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72. [htaprs] Data Pass-through on TH-D7A(G)?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 21 Mar 2001 20:07:19 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2072-2001.03.21-22.23.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This weekend, someone mentioned to me that when the D7A(G) is left in
PACKET mode, GPS data from the GPS receiver gets passed through to the
hand held's serial port. Is this true?

If so, does this mean that I can have a GPS receiver plugged into my
D7A(G), the D7 plugged into the serial port on my laptop, run WinAPRS and
have WinAPRS display received APRS stations on the map, *and* update my
position on the map as I travel?

If this really is the case, what settings do I have to have on WinAPRS (I
assume I would have to check the Enable GPS under "Settings -> Serial
Port")?

Julian

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73. [htaprs] TH-D7(G) Question

From: "Andrew Davidson" <adavidson@xtra.co.nz>
Date: Thu, 22 Mar 2001 16:29:46 +1200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-2083-2001.03.21-22.51.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've recently had my D7 upgraded to a G, and I can now store 3 different
(my) positions.

How do I change the defualt (beacon) position to one of the other 2 preset
positions from the keyboard?

Cheers
Andy
ZL3TPL

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74. [htaprs] Re: Kenwood TH-D7A(G) questions

From: Jon Ogden <na9d@mindspring.com>
Date: Wed, 21 Mar 2001 23:35:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2087-2001.03.21-23.51.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/21/01 7:41 PM, Phil Reed at preed@dnaco.net wrote:

> Experimenting with my new TH-D7A(G) and the dual-band capabilities, I've
> come up with some questions:
>
> Are there any ramifications in running in dual band mode with A on 144.39
> and B on 440? I can transmit on one band without affecting the other band?

NO PROBLEMS! You can even do full duplex if you are wearing headphones.
You may even be able to do it w/o headphones as well. I just use them when
working full duplex on the satellites.

So you CAN transmit on one band and listen on the other at the same time.

>
> How about if bands A and B are both on 2 meters? What happens to band B
> when the TNC decides to transmit? What happens to the TNC when I transmit
> on 2M on band B? Would I be better off when using the TNC to just disable
> band B entirely?

OK, the way it works depends on your DCD settings. If you are transmitting,
then the TNC always holds off on the data band regardless of what frequency
the other one is on. Only one band can transmit at a time. As soon as you
stop transmitting, the TNC will transmit on the data band if it is time for
it to do so.

>
> I'm confused by the software DCD settings. Anybody got a better explanation
> than what's in the manual?

OK, the TH-D7AG can operate in full duplex cross band mode on packet (for
satellites). So you can chose to listen for packets on the TX band, listen
for packets on the RX band, listen on both bands or ignore DCD all together.
Page 28 of the enhancement manual goes into good detail on this.

OK, I'll explain it again:

When in single band (A or B) operation:

"D or T" band listens for data signals on the data band
Both bands listens for data signals on both A and B bands
Ignore - ignores DCD

In cross band (A:TX B:RX or A:RX B:TX) selected for data band:

"D or T" does not transmit when signals are present on the TX band.
Both bands listens on both bands
Ignore - ignores DCD

Does that help?

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

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75. [htaprs] Re: TH-D7(G) Question

From: Jon Ogden <na9d@mindspring.com>
Date: Wed, 21 Mar 2001 23:38:32 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2088-2001.03.21-23.54.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 3/21/01 10:29 PM, Andrew Davidson at adavidson@xtra.co.nz wrote:

> I've recently had my D7 upgraded to a G, and I can now store 3 different
> (my) positions.
>
> How do I change the defualt (beacon) position to one of the other 2 preset
> positions from the keyboard?

See page 9 of the enhancement manual.

"Use the [UP]/[DOWN] to select from channels 1 to 3. If you intend to use
the current channel after exiting the menu mode, press *. An asterisk
appears at the left of the channel number."

On page 10:

"To select and set from up to 3 programmed channels, repeat steps 1 to 3.
In step 3 press [UP]/[DOWN] to select the desired channel, then press [*]."

I hope that helps!

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

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76. [htaprs] Re: I admit it - I am not too bright

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 22 Mar 2001 08:56:35 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-2196-2001.03.22-08.12.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon, Good explaination.
I took the opportunity to add some more to your list:

> RELAY: Is the UNIVERSAL digipeater. Every TNC on APRS, both users
> and digis are supposed to support it. Use only when no other path can
> be found. And ONLY as the first hop.
>
> WIDE: The universal wide area digipeater. Obsolete. Use only in areas
> with obsolete digis. Use TRACE instead.
>
> TRACE: Identical to WIDE but smarter. These digis will insert their
> own callsigns after digipeating so that they can recognize dupes.
>
> WIDEn-n protocol is the latest. It lets a packet go N hops in all
> directions while minimizing dupes.
>
> RELAY,WIDEn-N is a good mobile path in sparse or fringe areas. It will
> be picked up by ANY other APRS station and forwarded into the WIDEn-N
> network.. The first hop if it hits a smart digi will have the
> originating digipeater identified in the path. So that the packet can
> be identified by its point of entry into the system, no matter where it
> goes. Some versions of APRS will plot these packets even if there is no
> POSIT as being in the VICINITY of that digi..

> TRACE,WIDEn-N is the same as above but further reduces dups by
> preventing anything but callsign-substituting digis as the first hop.
> Thus guaranteeing traceability

> DIGIx,WIDEn-N is the best for a home station that has a known first
> hop of DIGIx. This eliminates all unnecessary dupes, but still lets
> every one of your packets contain the DIGI of ORIGIN..

Every digi should be properly identified by ICON as to its capabilities.
 RELAYS and WIDES are just a star
 TRACE   digis are green with a "T" overlay
 WIDEn-N digis are green with a "N" overlay
 DIGIned digis are green with a "D" overlay
 etc

Bob, WB4apr

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77. [htaprs] Digis

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 22 Mar 2001 09:25:09 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2201-2001.03.22-08.41.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And if some volunteer wanted to play with his favorite editor, he could
take the list of ALL digis on the air and giv us a sorted list by state of
old obsolete "WIDE" only digipeaters... THen we would all know what areas
of the country need to start the path with the obsolete "WIDE"..

bob

 On Thu, 22 Mar 2001, Bob Bruninga
wrote:

> > RELAY: Is the UNIVERSAL digipeater. Every TNC on APRS, both users
> > and digis are supposed to support it. Use only when no other path can
> > be found. And ONLY as the first hop.

> > WIDE: The universal wide area digipeater. Obsolete. Use only in areas
> > with obsolete digis. Use TRACE instead.

> > TRACE: Identical to WIDE but smarter. These digis will insert their
> > own callsigns after digipeating so that they can recognize dupes.

> > WIDEn-n protocol is the latest. It lets a packet go N hops in all
> > directions while minimizing dupes.

> > RELAY,WIDEn-N is a good mobile path in sparse or fringe areas. It will
> > be picked up by ANY other APRS station and forwarded into the WIDEn-N
> > network.. The first hop if it hits a smart digi will have the

> > originating digipeater identified in the path. So that the packet can
> > be identified by its point of entry into the system, no matter where it
> > goes. Some versions of APRS will plot these packets even if there is no
> > POSIT as being in the VICINITY of that digi..

> > TRACE,WIDEn-N is the same as above but further reduces dups by
> > preventing anything but callsign-substituting digis as the first hop.
> > Thus guaranteeing traceability

> > DIGIx,WIDEn-N is the best for a home station that has a known first
> > hop of DIGIx. This eliminates all unnecessary dupes, but still lets
> > every one of your packets contain the DIGI of ORIGIN..

de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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78. [htaprs] SOME Q'S FOR D7E

From: "Thomas Misirgis" <sv2clj@hotmail.com>
Date: Thu, 22 Mar 2001 20:21:02 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2235-2001.03.22-12.39.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello om's
i got my new d7e just last week
& i have some questions abt this nice ht
i saw at kenwood site that there is a new version called "G"
can i upgrade mine?
also i made a cable for connection with my new gps emap
and it works fine! also i made a cable for pc port
but here i can NOT communicate with the d7 & my computer
i test it with the programs i found in the net (from one om from vk-land)
and finally test it with a terminal programm (hyper-terminal)
but no comm at all
i read the manual that i must saw the "cmd" at my terminal ...but nothing happens!
i recheck the cables the comports the settings for the terminal (9600,n81 etc ..)
...but no comm.!

thanks in advance

best 73's de thomas sv2clj

http://www.qsl.net/sv2clj

79. [htaprs] Re: Data Pass-through on TH-D7A(G)?

From: Carl Littlejohns <carlmailuk@yahoo.co.uk>
Date: Thu, 22 Mar 2001 18:33:08 GMT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-2239-2001.03.22-12.46.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> If so, does this mean that I can have a GPS receiver plugged into my
> D7A(G), the D7 plugged into the serial port on my laptop, run WinAPRS and
> have WinAPRS display received APRS stations on the map, *and* update my
> position on the map as I travel?

With UI-VIEW you can I gather, and with APRS/CE it works as well. Dont know
about the other applications.

Carl GW0TQM

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80. [htaprs] Re: Digis

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Thu, 22 Mar 2001 11:08:14 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2329-2001.03.22-13.24.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- Bob Bruninga <bruninga@usna.edu> wrote:

> old obsolete "WIDE" only digipeaters... THen we would all know what areas
> of the country need to start the path with the obsolete "WIDE"..

There was a very useful 'map' of the 144.39/145.79 areas. Now that
we're all off 145.79, maybe that map could be redone to show the WIDE vs
WIDEN areas.

Bill

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

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81. [htaprs] Re: Digis

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 22 Mar 2001 14:10:33 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-2332-2001.03.22-13.27.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Excellent suggestion!

On Thu, 22 Mar 2001, Bill Vodall wrote:

>
> --- Bob Bruninga <bruninga@usna.edu> wrote:
>
> > old obsolete "WIDE" only digipeaters... THen we would all know what areas
> > of the country need to start the path with the obsolete "WIDE"..
>
> There was a very useful 'map' of the 144.39/145.79 areas. Now that
> we're all off 145.79, maybe that map could be redone to show the WIDE vs
> WIDEN areas.
>
> Bill
>
>
> _____
> Do You Yahoo!?
> Get email at your own domain with Yahoo! Mail.
> http://personal.mail.yahoo.com/
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
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> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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82. [htaprs] Re: I admit it - I am not too bright

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Thu, 22 Mar 2001 12:36:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2336-2001.03.22-13.55.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden <na9d@mindspring.com> wrote a lot of good APRS introductory info.

Good post. There are a couple of points I wanted to comment on:

>NEVER, NEVER GATE packets from VHF to HF. The reason is that
>while VHF is 1200 baud, HF is only 300 baud. The HF channel would be
>clogged by all the traffic from VHF.

At least with a KAM version 8.2 as the gate hardware, clogging is not inevitable. YMMV - other gating hardware may differ in behavior. The only way to experience VHF>HF gating in the KAM is for it to hear a packet on VHF with it's MYGATE alias as the to-be-digipeated field. GATE is the typical alias used. For example, it hears this path:
...last_vhf_station*,GATE,anything... It seems to be really rare for VHF operators to have GATE in their path, at least with what I've seen on the air.

(Side note: if I hear a packet like this on HF:
...last_hf_station*,ECHO,GATE,anything..., my KAM will service the ECHO on HF, but it will not also service the GATE to VHF. GATE wasn't on it's "to-do" list, that can be done by anybody who heard my ECHO*.)

Also, there is little incentive to leave the VHF>HF direction open on the gate as general procedure (I typically use UIGATE ON/OFF to define HF>VHF as the sole direction of gating). Reason is, Part 97 rules seem to specifically require the originating station to have operating privileges on both the input and output frequencies. Thus, a no-HF Tech who in bad faith places GATE in his path, in combination with a gate operator who allowed bidirectional gating to anybody, can at the worst case place two licenses in jeopardy.

I can see one legitimate use for bidirectional gating: messaging between operators with appropriate privileges. It would use no more HF bandwidth than a direct HF>HF message. On occasion I've wanted to be able to send messages to HF stations from my VHF-only station at the office. But to feel comfortable I'd need to be able to remotely sysop my at-home gateway TNC to shut down the VHF>HF link after I'm finished.

So from my perspective, VHF>HF is usually not desirable, but for reasons other than clogging. But if there was such a thing as a gate with the exceptionally perverse behavior of gating everything in either direction, even when GATE is not in the path, your point is well taken.

[i-Gates]

> Internet traffic (with
>the exception of messages) is not gated to VHF.

WinAPRS (at least up through 2.4.7, latest version I've used as an iGate) is not limited to that. Anything and everything from a station in the stations.txt list, including position beacons, are sent out on the iGate's VHF port. I've watched the evening commute of buddies who are several states away. It's kind of boring though, the distances and bearings don't change by very large percentages. ;-)

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

83. [htaprs] Re: Data Pass-through on TH-D7A(G)?

From: "The Kirsteins" <obskds@attcanada.ca>
Date: Thu, 22 Mar 2001 15:21:21 -0500

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2348-2001.03.22-14.42.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This setup works for me..(WinAprs)

73.
Dave
Kirstein VA3DMK

> > If so, does this mean that I can have a GPS receiver plugged into my
> > D7A(G), the D7 plugged into the serial port on my laptop, run WinAPRS
and
> > have WinAPRS display received APRS stations on the map, *and* update my
> > position on the map as I travel?
>
>
> With UI-VIEW you can I gather, and with APRS/CE it works as well. Dont
know
> about the other applications.
>
> Carl GW0TQM
>
>
> ---
> You are currently subscribed to htaprs as: obskds@attcanada.ca
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] Re: I admit it - I am not too bright

From: Jon Ogden <na9d@mindspring.com>
Date: Thu, 22 Mar 2001 18:52:06 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2403-2001.03.22-19.08.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tony,

Your comments are good and accurate. There are some instances where you may
want to gate a VHF packet to HF, but those instances are rare. I just said
not to do it due to the crowding reasons. Most VHF ops don't use it because
they have been told not to.

> Also, there is little incentive to leave the VHF>HF direction open on the
> gate as general procedure (I typically use UIGATE ON/OFF to define HF>VHF as
> the sole direction of gating). Reason is, Part 97 rules seem to specifically
> require the originating station to have operating privileges on both the
> input and output frequencies. Thus, a no-HF Tech who in bad faith places
> GATE in his path, in combination with a gate operator who allowed
> bidirectional gating to anybody, can at the worst case place two licenses in
> jeopardy.

This is incorrect. The originating station ONLY has to have privileges on
the frequency where the TRANSMIT. They are not responsible for what happens
after that. This is why before the no-code rules came into effect that
enhanced novices on 220 MHz could talk to people on 2m because of cross band
linked repeaters. The control station is the repeater or digipeater and as
long as it has privileges for both frequencies, the transmission is fine.
It is therefore the job of the control station to restrict access to
ne'er-do-wells.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

85. [htaprs] Re: Data Pass-through on TH-D7A(G)?

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Thu, 22 Mar 2001 19:26:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2410-2001.03.22-19.43.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can run WinAPRS on my laptop, plugged into the TH-D7A(G) computer port, and have my GPS in the HT's GPS port, and watch new stations come in while I also see myself driving around on the map.

It worked find with WinAPRS 2.4.7 so I expect the new version 2.4.9 should work as well. Will get the chance to test it all next week on a trip half way across Texas...

I have my crew at the office keep an eye on me with www.findu.com. I asked my wife to learn how to use the icon I set up on my kid's desktop but she wouldn't. I taught my little 6-year-old and he constantly reports on my whereabouts to his mom. She still hasn't forgiven me...

Best wishes,
Scott
KD5MHM

----- Original Message -----
From: "Carl Littlejohns" <carlmailuk@yahoo.co.uk>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Sent: Thursday, March 22, 2001 12:33 PM
Subject: [htaprs] Re: Data Pass-through on TH-D7A(G)?

> > If so, does this mean that I can have a GPS receiver plugged into my
> > D7A(G), the D7 plugged into the serial port on my laptop, run WinAPRS and
> > have WinAPRS display received APRS stations on the map, *and* update my
> > position on the map as I travel?
>
> With UI-VIEW you can I gather, and with APRS/CE it works as well. Dont know
> about the other applications.
>
> Carl GW0TQM

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

86. [htaprs] kiss mode

From: Robert Hull <rhull@nmsu.edu>
Date: Wed, 21 Mar 2001 11:21:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2484-2001.03.23-09.53.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a note for those who are interested in this:

Our Dr. Stephen Horan, of the Telemetering and Telecommunications Program here at New Mexico State Univ., was experimenting with the TH-D7A and happened to type "cmd:kiss" into the TNC.
The radio responded:

kiss off

Not taken aback by this, he typed "kiss on" and the response was:

kiss was off

This undocumented (type cmd:display for a list of TNC settings) function
is apparently one of many. I found nothing about kiss mode on the
Kenwood CD-rom either.

Some of you might want to try this.

Robert Hull - KD5KKM
Las Cruces

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] Re: kiss mode

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 23 Mar 2001 10:44:37 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-2486-2001.03.23-10.01.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 21 Mar 2001, Robert Hull wrote:

> ...TH-D7A and happened to type "cmd:kiss" into the TNC.
> The radio responded:
>
> This undocumented (type cmd:display for a list of TNC settings) function
> is apparently one of many....

The way I understand it, the D7 has the KISS command and KISS mode sort-of
works for receive (I have used it a lot with WISP for satellite
downlinks), but not for transmit (it is not transparent).
THus, KISS mode is NOT offered as a "supported" mode in the D7...

bob

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88. [htaprs] Re: kiss mode

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Fri, 23 Mar 2001 10:07:31 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2488-2001.03.23-10.24.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I observed this in December when I first started trying to do packet.

One packed program sent the "Kiss Off" command to the Kenwood. I recall how
odd it was that a program was telling my radio to "Kiss Off" and was
surprised to see that the Kenwood dutifully enjoyed being told to "Kiss
Off"...

However, there actually is a reference to KISS mode in the Kenwood manual.
On page 28, DCD SENSE, in the Enhanced Features Instruction Manual, there
are notes at the end of the page that actually mention some differenced
between APRS Mode, Packet Mode and KISS mode.

The notes clarify that DCD Sense functions differently in these three modes.

----- Original Message -----
From: "Robert Hull" <rhull@nmsu.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, March 21, 2001 12:21 PM
Subject: [htaprs] kiss mode

> Just a note for those who are interested in this:
>
> Our Dr. Stephen Horan, of the Telemetering and Telecommunications
> Program here at New Mexico State Univ., was experimenting with the
> TH-D7A and happened to type "cmd:kiss" into the TNC.
> The radio responded:
>
> kiss off
>
> Not taken aback by this, he typed "kiss on" and the response was:
>
> kiss was off
>
> This undocumented (type cmd:display for a list of TNC settings) function
> is apparently one of many. I found nothing about kiss mode on the
> Kenwood CD-rom either.
>
> Some of you might want to try this.
>
> Robert Hull - KD5KKM
> Las Cruces
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] Re: I admit it - I am not too bright

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 23 Mar 2001 09:33:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2493-2001.03.23-10.51.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga <bruninga@usna.edu> wrote:

>Every digi should be properly identified by ICON as to its capabilities.
> RELAYS and WIDES are just a star
> TRACE   digis are green with a "T" overlay
> WIDEn-N digis are green with a "N" overlay
> DIGIned digis are green with a "D" overlay

On a digi with both TRACE and WIDEn capabilities, do you recommend that W be
used? At least in the Kantronics line, if it has WIDEn, it also has
TRACE.... and vice versa....

Which one "trumps"? It takes ever so slightly more logic to implement WIDEn
behavior, therefore seeming incrementally less "dumb". The order you
presented them is in increasing "smartness", in my estimation.

73,
Tony KD7TA

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90. [htaprs] Re: I admit it - I am not too bright

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 23 Mar 2001 09:59:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2504-2001.03.23-11.17.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Jon Ogden <na9d@mindspring.com> replied to my:

>> Thus, a no-HF Tech who in bad faith places
>> GATE in his path, in combination with a gate operator who allowed
>> bidirectional gating to anybody, can at the worst case place two licenses

in
>> jeopardy.

>This is incorrect. The originating station ONLY has to have privileges on
>the frequency where the TRANSMIT.

This is an important thing to understand, and I'm glad you called me on
this. What I did above was to relay my understanding of ARRL's
interpretation of the rules that they lay down in their publication of FCC
Part 97. Their interpretation, to my eyes, seems to be diametrically opposed
to yours. You might have it right, and they (and/or I) have it wrong.

>They are not responsible for what happens
>after that. This is why before the no-code rules came into effect that
>enhanced novices on 220 MHz could talk to people on 2m because of cross
band
>linked repeaters. The control station is the repeater or digipeater and as
>long as it has privileges for both frequencies, the transmission is fine.
>It is therefore the job of the control station to restrict access to
>ne'er-do-wells.

This is the specific example they warn people to not get confused about. A
digipeater is not classified the same way as a voice repeater. There are
many differences, some seemingly trivial (real-time repeating of the
original signal vs. after-the fact relaying of regenerated content). Some
are quite profound, as in whether there is a requirement of a control
operator to regularly monitor for abuse.

So I'm not going to say "WAY!" to your "no way". It's a good point that you
bring up. Personally, I'm not 100% confident that I understand or agree with
the ARRL's point of view. Maybe you have a better grasp of it than do they.
But they got it into print first, and to a wider audience. If they are
wrong, they need to be corrected. I don't have the book with me here, so I
can't quote the relevant passages today. I'll pick this up again on Monday.
And, if I blew it - thanks are due to you, and apologies are due from me.
;-)

There is a related point, about whether a digipeater operator is responsible
for illegal content being repeated by his system. The rules place the burden
of responsibility on the originator.

Thanks & 73,
non-lawyer Tony KD7TA

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91. [htaprs] Forwarded message: 10 GPS III+ units for sale

From: rwf@bsrg.org
Date: Fri, 23 Mar 2001 12:01:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2506-2001.03.23-11.24.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm no longer on the main APRSSIG list, so if someone wants to forward
this, it is fine with me.

These look to be a great deal. I think it is $100.00 below what I paid for mine
Do NOT Email me about them. The seller is below

Seller: whitbrown@aol.com

I have about ten brand new Garmin GPS III Plus units. These are new, in box,
with manual, PC interface cable, wrist strap, velcro mount and quick
reference card. They all work fine.
Great for radio survey work and microwave path analysis when used with
DeLorme Topo 2 software in a laptop while bouncing about the area in your
truck. (Street Atlas 7 also works, but doesn't have the detail in the boonies
as does Topo 2)
For those of you unfamiliar with this, the GPS sits on the dashboard and
talks to the laptop. Your position is noted by a green arrow moving over your
exact position.
$269 + $8 insured Priority Mail S&H

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] Re: kiss mode

From: "Mark Turner" <mark@kram.org>
Date: Fri, 23 Mar 2001 18:49:59 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2516-2001.03.23-13.06.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob said....
>
> The way I understand it, the D7 has the KISS command and KISS mode sort-of
> works for receive (I have used it a lot with WISP for satellite
> downlinks), but not for transmit (it is not transparent).
> THus, KISS mode is NOT offered as a "supported" mode in the D7...

It might not be supported but on my D7E it works well enough to allow me to
use UIView32 as a digi with the radio in KISS mode.

Cheers,

Mark.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Re: Forwarded message: 10 GPS III+ units for sale

From: "Jim King" <jim@jimking.net>
Date: Fri, 23 Mar 2001 13:05:44 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2519-2001.03.23-13.22.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At *least* $100 below what I paid for mine. :-)

But they seem to be commonly available for under $300 nowadays:
http://www.pricescan.com/electronics/scripts/Q03060500.asp

Jim

----- Original Message -----
From: <rwf@bsrg.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, March 23, 2001 11:01 AM
Subject: [htaprs] Forwarded message: 10 GPS III+ units for sale

> I'm no longer on the main APRSSIG list, so if someone wants to forward
> this, it is fine with me.
>
> These look to be a great deal. I think it is $100.00 below what I paid for
mine
> Do NOT Email me about them. The seller is below
>
>
>
> Seller: whitbrown@aol.com
>
> I have about ten brand new Garmin GPS III Plus units. These are new, in
box,
> with manual, PC interface cable, wrist strap, velcro mount and quick
> reference card. They all work fine.
> Great for radio survey work and microwave path analysis when used with
> DeLorme Topo 2 software in a laptop while bouncing about the area in your
> truck. (Street Atlas 7 also works, but doesn't have the detail in the
boonies
> as does Topo 2)
> For those of you unfamiliar with this, the GPS sits on the dashboard and
> talks to the laptop. Your position is noted by a green arrow moving over
your

> exact position.
> $269 + $8 insured Priority Mail S&H
>
>
> ---
> You are currently subscribed to htaprs as: jim@jimking.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Re: kiss mode

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 23 Mar 2001 14:08:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2520-2001.03.23-13.24.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I seem to remember when I first got my D7 I connected it up to a Tnos
(that's a Unix based BBS/network software) system and it worked. It was in
Kiss mode. The through put was slow, but that was due to the TX delay. I was
trying to connect to a Kantronics D4 packet radio that was set for 10 MS. TX
delay.

 Not sure how well it would work in a production system, but for checking
9600 baud paths it seems to work.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Mark Turner [SMTP:mark@kram.org]
> Sent: Friday, March 23, 2001 1:50 PM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] Re: kiss mode
>
> Bob said....
> >
> > The way I understand it, the D7 has the KISS command and KISS mode
> sort-of
> > works for receive (I have used it a lot with WISP for satellite
> > downlinks), but not for transmit (it is not transparent).
> > THus, KISS mode is NOT offered as a "supported" mode in the D7...
>
> It might not be supported but on my D7E it works well enough to allow me
> to
> use UIView32 as a digi with the radio in KISS mode.
>
> Cheers,
>
> Mark.
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Re: I admit it - I am not too bright

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 23 Mar 2001 14:41:59 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-2525-2001.03.23-13.58.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 23 Mar 2001, Tony Arnerich wrote:

> >Every digi should be properly identified by ICON as to its capabilities.
> > RELAYS and WIDES are just a star
> > TRACE   digis are green with a "T" overlay
> > WIDEn-N digis are green with a "N" overlay
> > DIGIned digis are green with a "D" overlay
>
> On a digi with both TRACE and WIDEn capabilities, do you recommend that W be
> used? At least in the Kantronics line, if it has WIDEn, it also has
> TRACE.... and vice versa....

All are in increasing order of precidence:

  "W" is only a WIDE (and a RELAY)
  "T" is a TRACE and WIDE and RELAY (and SS for your state)
  "N" is WIDEn-N and all of the above
  "D" is DIGINED with all of the above and more...

> Which one "trumps"? It takes ever so slightly more logic to implement WIDEn
> behavior, therefore seeming incrementally less "dumb". The order you
> presented them is in increasing "smartness", in my estimation.

Hope that helps..

bob

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96. [htaprs] Re: kiss mode

From: Roger Barker <roger@peaksys.co.uk>
Date: Fri, 23 Mar 2001 19:50:41 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2526-2001.03.23-14.07.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In article <LYR10022-2516-2001.03.23-13.06.08--roger#peaksys.co.uk@lists
.tapr.org>, Mark Turner <mark@kram.org> writes
>Bob said....
>>
>> The way I understand it, the D7 has the KISS command and KISS mode sort-of
>> works for receive (I have used it a lot with WISP for satellite
>> downlinks), but not for transmit (it is not transparent).
>> THus, KISS mode is NOT offered as a "supported" mode in the D7...
>
>It might not be supported but on my D7E it works well enough to allow me to
>use UIView32 as a digi with the radio in KISS mode.

The later ones (Mk2 are whatever it's called) are ok. On the original
D7s, KISS transmit didn't work.

--
Roger Barker, G4IDE - roger@peaksys.co.uk
For UI-View go to - http://www.packetradio.org.uk
For WinPack go to - http://www.peaksys.co.uk

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97. [htaprs] Re: kiss mode

From: "Scott Anderson" <scottra@usa.net>
Date: Sun, 25 Mar 2001 3:24:58
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2723-2001.03.25-03.41.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 03/23/01, "Bob Bruninga <bruninga@usna.edu>" wrote:
> The way I understand it, the D7 has the KISS command and KISS mode sort-of
> works for receive (I have used it a lot with WISP for satellite
> downlinks), but not for transmit (it is not transparent).
> THus, KISS mode is NOT offered as a "supported" mode in the D7...
>
> bob

ahh.. finally I understand why wisp and the kenwood program don't work
when the tnc is in "TNC-Packet" mode... they're talking KISS!

One question - when you are using wisp/wispdde to tune the D7, what are you
using to receive APRS packets - are you splicing the serial cable off to an
aprs program, or are you just logging kiss in wisp?

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98. [htaprs] Re: kiss mode

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 25 Mar 2001 12:25:58 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, amsat-bb@amsat.org
Message-ID: <LYR845-2755-2001.03.25-11.42.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 25 Mar 2001, Scott Anderson wrote:

> ahh.. finally I understand why wisp and the kenwood program don't work
> when the tnc is in "TNC-Packet" mode... they're talking KISS!
>
> One question - when you are using wisp/wispdde to tune the D7, what are you
> using to receive APRS packets - are you splicing the serial cable off to an
> aprs program, or are you just logging kiss in wisp?

That would work, but I use APRStk which is APRSdos with built in Satellite
tracking, Kenwood RIg control and Doppler tuning, and Radioshack $64
rotator pointing for a complete system to monitor all satellites for UI
packets and voice... Just set it on an old DOS PC in the corner and
forget it... You wont miss anything that comes over your QTH...

de WB4APR, Bob

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99. [htaprs] THD7 BBS

From: LB <cyberoptics@pandora.be>
Date: Mon, 26 Mar 2001 08:02:06 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2862-2001.03.26-00.19.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'm looking for information on the BBS option in the THD7, anybody has some
more info on this setting ??

Thanks
Luke
ON9AAV

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100. [htaprs] Digis

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 26 Mar 2001 16:58:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-2967-2001.03.26-16.14.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few days there was some discussion about "WIDE" / "WIDE-n"
digipeaters.

I have played with a few digipeater programs, but have not
put anything up long term.
I liked Digi-10 program. It seemed to work well, but few
features.
I also tried Digi-Ned, Many features, but it seemed slow.
It would take a long time to process data prior to retransmission.

Pittsburgh [PGH] only has a couple of Digi's in the area.
Most of my travel is in the valley north of the city, and we
have several APRS-nodes so I only can get into the PGH APRS DIGI
via using nodes as a relay.

I then run into problems if I send a message to somebody in
PGH, as my TX will be RELAY'ed into the PGH DIGI, to the
destination station, his will ACK, PGH DIGI will re tx his ACK,
but I never get the ACK since the "RELAY" will hear the DIGI,
but the node will not relay the ack back to me, so my mobile
keeps txing the message over and over.

(did I clearly communicate my problem)

Is there a way to (a) Make a Node relay bidirectionally
to a station that cannot tx or rx the local DIGI?
(b) Make a DIGI that will only fill in the Valley. IE, not
digipeat unless the station is within the "Valley" coordinates.
Am I describing an area specific digi? A window digi?
(Akkk - an APRS router?)

Thoughts, Ideas, Suggestions?

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

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101. [htaprs] Re: [aprsnews] Canadian Maps for pocketAPRS

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Mon, 26 Mar 2001 14:44:22 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-2972-2001.03.26-17.00.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is great news. Unfortunately there is something
wrong with the link from the APRSSIG side.

73, VE7VIE/KD7IGX

--- Mike Musick <mcmusick@anet-stl.com> wrote:
> At long last! With non-US pocketAPRS users starving
> for maps for almost
> three years, we now have Canadian province maps
> available. They are located
> at:
>
>
>
ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/02Non-US%20Maps/Canada/
>

_____
Do You Yahoo!?
Get email at your own domain with Yahoo! Mail.
http://personal.mail.yahoo.com/

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102. [htaprs] Re: [aprsnews] Canadian Maps for pocketAPRS

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 26 Mar 2001 14:50:36 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-2975-2001.03.26-17.07.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 26 Mar 2001, Barry Bogart wrote:

> This is great news. Unfortunately there is something
> wrong with the link from the APRSSIG side.

> ftp://ftp.tapr.org//aprssig/palmstuff/palmmaps/02Non-US%20Maps/Canada/
                  ^
Remove this slash |

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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103. [htaprs] Position Comments

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Mon, 26 Mar 2001 14:52:48 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-2977-2001.03.26-17.09.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anyone have information on the Custom position comments. (i.e. Off
Duty, committed, custom 1.......)

On the TH-D7A, can I change them? if so, how?

Any comments would be great!

Patrick Beard

K6CTVB

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end

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```

104. [htaprs] Winaprs and my cableprovider's Proxy

From: LB <cyberoptics@pandora.be>
Date: Tue, 27 Mar 2001 08:19:28 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3022-2001.03.27-00.37.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'm using Winaprs for several years now, but still can't get connected to
the net for the tiger maps. My provider uses a Proxy, and i have tried the
different settings in winaprs like winproxie, and proxy, but none of them
give me a connection to the net.
The Gate connection however works fine, i can connect to any igate, even my
own winproxy in my lan.
Please help

73's
Luc ON9AAV

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105. [htaprs] D7A with Globalmap 100

From: "Tim Manson" <mail@timmanson.com>
Date: Tue, 27 Mar 2001 12:5:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-3131-2001.03.27-12.21.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a D7A that I am unable to link up with a Lowrance Globalmap 100.
The D7A is new enough that it is not a firmware problem. The Globalmap 100
has alot of setting for the NMEA output. I have tried alot os different
NMEA settings. The Globalmap 100 also has different serial port settings
that I have changed.

Has any one hooked up the Globalmap 100 with a D7A, and if so, what
settings did you use.

Any help would be greatly appreciated.

Thanks

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106. [htaprs] New experimenter ham club in Tucson, AZ

From: "Bert Herald" <wf7i@hotmail.com>
Date: Tue, 27 Mar 2001 11:16:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3133-2001.03.27-12.32.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Mailing list. Just wanted to announce the formation of a kit
building/experimenter's club in Tucson, AZ, named "TAREG" for Tucson Amateur
Radio Experimenter's Group.

I'd like to put out a general request for any beginner kits/projects in ham
radio that new members could work on and get fairly quick gratification.
Our main focus areas will be digital technology, but also inclusive of
antenna projects and general radio building. For our first meeting I'm
hoping to provide members with designs for modes like PSK31 (where you can
just use your PC's sound card), APRS, or other packet setups (TCP/IP,
digipeater or other software configs).

If you have some web links, articles, or other info regarding some new
technology projects, please forward them on to me at WF7I@hotmail.com.
We'd also consider joint participation in other club's ongoing projects.

Thank you and 73s!

Bert Herald, Tucson, AZ

_____
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107. [htaprs] Re: New experimenter ham club in Tucson, AZ

From: Herbert C Maxey <bmaxey1@juno.com>
Date: Tue, 27 Mar 2001 14:16:38 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-3179-2001.03.27-16.27.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I think you need to create a kit of parts - through hole AND SMT
Components. I am an IPC Certified Solder Trainer and soldering is a big
problem for many people - I see it all the time. Too much, too little,
opens, contamination that makes it look like a solder joint is good, when
it is really bad. There also should be fine pitch component soldering
because often shorts occur between leads.

Finally, inspection.

Just my opinion.

HC Maxey - KD7LUW,
in Utah

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108. [htaprs] Re: New experimenter ham club in Tucson, AZ

From: Herbert C Maxey <bmaxey1@juno.com>
Date: Tue, 27 Mar 2001 14:19:15 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-3177-2001.03.27-16.27.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I forgot. A GREAT project would be a good power supply. It gives them
practice reading a schematic, and it gives them a project that they can
use in their further efforts.

73's - HC Maxey, KD7LUW
in Utah

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109. [htaprs] GLOBALMAP 100 Settings

From: "Tim Manson" <mail@timmanson.com>
Date: Wed, 28 Mar 2001 8:30:39
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3306-2001.03.28-08.46.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I received emails from several people with the same problem I was having so
I am posting this message so everyone can get this information. With input
from allot of HTAPRS users I managed to get my Lowrance Globalmap 100 to
talk to my D7A.

The settings I ended up with are as follows:

Serial port setup:
Baud Rate - 4800
Parity - None
Data Bits - 8

NMEA setup:
NEMA 2.0 with all options turned on

I achieved all of these setting by using the "Reset Options" function.

This is what works for me, hope it helps.

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110. [htaprs] re:New experimenter ham club in Tucson, AZ

From: Ralph Milnes <milnes1@rcn.com>
Date: Wed, 28 Mar 2001 09:45:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-3309-2001.03.28-09.02.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:01 AM 3/28/2001, you wrote:
>I'd like to put out a general request for any beginner kits/projects in ham
>radio that new members could work on and get fairly quick gratification.
>Our main focus areas will be digital technology, but also inclusive of
>antenna projects and general radio building. For our first meeting I'm
>hoping to provide members with designs for modes like PSK31 (where you can
>just use your PC's sound card), APRS, or other packet setups (TCP/IP,
>digipeater or other software configs).

Bert, I just ordered and received a $25 kit to build a sound card-to-radio
interface from Buck Rogers in VA. He calls the kits RASCALS. They are not
very complex and shouldn't take too long to build. I plan to use mine to
run AGWPE with WinAPRS in lieu of a TNC.

http://www.packetradio.com/psk31.htm

You will find similar kits at:

West Mountain - http://www.westmountainradio.com
Lectrokit - http://www.sanduskyohio.com/LECTROKIT/misc.htm

73,

Ralph, KC2RLM

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] re:New experimenter ham club in Tucson, AZ

From: bobj <bobj@mediaone.net>
Date: Wed, 28 Mar 2001 15:30:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-3396-2001.03.28-14.46.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph-

  My experience/suggestion

   I built a $50 80M PSK31 transciever kit obtained from the NJ QRP club (http://www.njqrp.org/warbler/index.html) and found it to be as close to instant gratification as I've seen. Up and running in one night (OK it was a long night), no interface box needed between it and the computer. I worked several stations 200 to 300 Miles away using the 50 foot feedline to my 2 meter discone as the antenna, the same night. Maybe the contacts were a bit of luck, favorable band conditions, and a "feedline Antenna" long wire that accidently had a 2:1 swr.... but it was gratifiying.

 DE K1KAS

Ralph Milnes wrote:

> At 01:01 AM 3/28/2001, you wrote:
> >I'd like to put out a general request for any beginner kits/projects in ham
> >radio that new members could work on and get fairly quick gratification.
> >Our main focus areas will be digital technology, but also inclusive of
> >antenna projects and general radio building. For our first meeting I'm
> >hoping to provide members with designs for modes like PSK31 (where you can
> >just use your PC's sound card), APRS, or other packet setups (TCP/IP,
> >digipeater or other software configs).
>
> Bert, I just ordered and received a $25 kit to build a sound card-to-radio
> interface from Buck Rogers in VA. He calls the kits RASCALS. They are not
> very complex and shouldn't take too long to build. I plan to use mine to
> run AGWPE with WinAPRS in lieu of a TNC.
>
> http://www.packetradio.com/psk31.htm
>
> You will find similar kits at:
>
> West Mountain - http://www.westmountainradio.com
> Lectrokit - http://www.sanduskyohio.com/LECTROKIT/misc.htm
>
> 73,
>
> Ralph, KC2RLM
>
> ---
> You are currently subscribed to htaprs as: BOBJ@MEDIAONE.NET
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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112. [htaprs] APRS Weather Station Help

From: "Bob Woodson" <woods@pipeline.com>
Date: Thu, 29 Mar 2001 06:31:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3512-2001.03.29-05.51.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Would like to setup an APRS weather station using my Davis Weather Wizard III and WeatherLink data logger to my PC. Davis apparently has their own APRS software that I can download to my PC. Also hope to use my Kenwood D 7A for the TNC connected to a PC serial port. I have been told this is possible if I place my D7A in packet mode. Are there any other settings I need to make for the radio to transmit weather data?
73
Bob WX4MMM

113. [htaprs] Re: APRS Weather Station Help

From: "hasan schiers" <schiers@netins.net>
Date: Thu, 29 Mar 2001 18:13:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3653-2001.03.29-18.29.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob,

Brian Hamilton's program, Weather-Display, supports the Davis wx stations. I'll include his URL. On a PC, use one serial port for Brian's program (which writes an APRS compatible file which can currently be used by APRS+ and UI-View....WinAPRS to follow), and another for the TNC inside the D7. If you run the D7 in native packet tnc mode (and not aprs mode), you can have any of the "standard" aprs programs talk to it.

This eliminates what programs support what weather stations. I don't know if WinAPRS currently supports the Davis you have directly. What we are aiming for is eliminating the dependency on APRS software to directly support a ton of weather stations. Support for weather stations is the job of Weather software. Then the weather software writes an aprs compatible file that the APRS programs then "read" and format for output. Saves a serial port, if you want weather logging and analysis in addition to weather for APRS.

However, WinAPRS may very well currently support the Davis you have directly. If it does, then you can use two serial ports on the pc. One for the D7, one for the Davis and WinAPRS will do the rest. Ultimately, WinAPRS is going to support the file exchange format, which will make things much simpler.

As things stand at the moment your choices seem to be:

WinAPRS and the D7, if WinAPRS supports the Davis.

APRS+SA and the D7, with Weather-Display by Brian Hamilton.

APRS+SA with the D7, with VWS software by Ambient Software (more expensive, more processor hog)

UI-View with the D7, with Weather-Display by Brian Hamilton, or VWS as above.

WinAPRS and the D7, with Weather-Display (when WinAPRS supports the file read function...coming soon)

URL for Weather-Display:

http://www.weather-display.com/

Hope this helps ya figure it out. You have several options. 73

hasan schiers, NØAN
schiers@netins.net

> ----- Original Message -----
> From: Bob Woodson
> To: TAPR Hot Technology APRS
> Sent: Thursday, March 29, 2001 5:31 AM
> Subject: [htaprs] APRS Weather Station Help
>
> Would like to setup an APRS weather station using my Davis Weather Wizard III and WeatherLink data logger to my PC. Davis apparently has their own APRS software that I can download to my PC. Also hope to use my Kenwood D 7A for the TNC connected to a PC serial port. I have been told this is possible if I place my D7A in packet mode. Are there any other settings I need to make for the radio to transmit weather data?
> 73
> Bob WX4MMM

114. [htaprs] TH-D7 and WISP

From: "Paul Weiss" <p_weiss@yahoo.com>
Date: Thu, 29 Mar 2001 18:57:44
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-3662-2001.03.29-19.14.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Has anyone used WISP with a TH-D7? I have seen U0-22 on the D7 after
setting it up. I want to use LEO sats more. Can I do it with the D7?

Thanks

KC7FYQ Paul

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115. [htaprs] Re: TH-D7 and WISP

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 30 Mar 2001 10:00:09 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-3796-2001.03.30-09.17.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 29 Mar 2001, Paul Weiss wrote:

> Has anyone used WISP with a TH-D7? I have seen U0-22 on the D7 after
> setting it up. I want to use LEO sats more. Can I do it with the D7?

Definately you can receive. Be sure to tell WISP receove only so that it
doesnt try to trasnmit. Actually maybe the (G) model will transmit, but
I never can rememebr the details...

The D700 will...

as long as you tell WISP not to use packets longer than 230 Bytes on the
uplink...

bob
> > Thanks
>
> KC7FYQ Paul
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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>
>

de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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April 2001

Original source file: htaprs.0104
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0104

1. [htaprs] Whats the difference

From: "Ben Lindner" <vk5jfk@austarnet.com.au>
Date: Mon, 2 Apr 2001 02:36:05 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4183-2001.04.01-12.23.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All

Can some one please tell me what the difference is between the THD7A and the
THD7E.

I am assuming the E is the European version.

Ben Lindner VK5JFK

vk5jfk@austarnet.com.au

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2. [htaprs] Re: Whats the difference

From: "Tom Hoedjes (HB9DOD)" <al0l@arrl.net>
Date: Sun, 01 Apr 2001 19:24:24 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4184-2001.04.01-12.40.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 02:36 02.04.2001, you wrote:
>Hi All
>
>Can some one please tell me what the difference is between the THD7A and the
>THD7E.
>
>I am assuming the E is the European version.
>

Thats correct..

There is a hardware and software difference..

The A Version has a filter optimized for the upper part of 70cm while the E
Version is optimized for 430-440 MHz

Software:

With the E version no Sky command is possible, 70 cm rep shift is -7.6 or +1.6.
There are some more minor differences..

Although you can make an A version out of the E version and vice versa with
the configuration diodes or bridges in the trx.

The filter for the 70 cm you cant change...not easily

The A (G) Version has more APRS possibilities then the E Version.
Look at the Kenwood page for the G Upgrade Sheet.

73 de Tom
AL0L HB9DOD
al0l@arrl.net
Tel +49 1 9844920
Fax +49 1 9844921

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3. [htaprs] TH-D7A(G) and satellites

From: Phil Reed <preed@dnaco.net>
Date: Sun, 01 Apr 2001 12:10:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4185-2001.04.01-12.56.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there a primer online someplace on how to use the TH-D7A(G) (voice or
data, standalone or connected to a PC) to work satellites? My Arrow beam
should be here next week.

...phil / w8sca

"For a list of all the ways technology has failed
to improve the quality of life, press 3."

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4. [htaprs] Re: TH-D7A(G) and satellites

From: RASNM@aol.com
Date: Sun, 1 Apr 2001 16:28:13 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4224-2001.04.01-15.45.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 4/1/01 11:41:17 AM Mountain Daylight Time, preed@dnaco.net
writes:

<< Is there a primer online someplace on how to use the TH-D7A(G) (voice or
 data, standalone or connected to a PC) to work satellites? >>

Phil,

There is a good article on voice and UO-14 in the Aug 2000 issue of QST, I
have done this with my arrow. I hope to hear you there, I gotta fire mine up
again.

Here is place for APRS and Satellites:

 <A HREF="http://web.usna.navy.mil/~bruninga/astars.html">ASTARS: an APRS
Satellite Tracking and Reporting System</A>

I share your interest and hope someone will provide some "step by step" for
implementing APRS with these SATs and especially messages. I just had my D7a
upgraded to G.

73-Ron-kd5hty

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5. [htaprs] heathkit clock

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 1 Apr 2001 18:40:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4276-2001.04.01-20.56.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

still running, built it in 1984

most accurate clock.....

we used to use it in the TV station master control before we went to GPS

click on this link to find me   http://map.findu.com/kd8s-7   or   go
here and type in kd8s-7 to get a track drawing

www.wulfden.org/aprsquery.shtml

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] RE: Whats the difference

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Mon, 2 Apr 2001 20:40:51 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4365-2001.04.02-05.57.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben, and others

> >I am assuming the E is the European version.
> Thats correct..
>
> There is a hardware and software difference..

This is NOT quite correct. There is no software difference between the D7A
and the D7E. In fact I have what is claimed to be a D7E and it has all the
characteristics of a D7A, and I have opened it up for the full capabilities
of the D7A.

There aparantly is a SAW filter in the D7E that is on a different band with
the D7A, but the performance is about the same.

How do I know this? Well, I removed some surface mount diodes, cut the green
wire, and added two 1N914's surface mount...

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

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7. [htaprs] Re: ROTOR KIT and Kenwoods

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 2 Apr 2001 08:50:05 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-4388-2001.04.02-08.06.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 1 Apr 2001, Scott Smith wrote:

> Hi Bob, i don't have a Kenwood D700 or TH-D7 but do have a TS790' will
> this rotor setup work ok with this radio?. 73 de VE6ITV Scott

I assume that the RADIO control for the D7 and D700 is different than all
previous Kenwood Radio control protocols?

bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: TH-D7A(G) and satellites

From: Jon Ogden <na9d@mindspring.com>
Date: Tue, 03 Apr 2001 06:54:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4599-2001.04.03-07.11.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To those interested in satellite work, I have a couple of pointers for you:

1.) Join the amsat-bb mailing list. LOTS of folks on there who know the
birds inside and out. Send a subscribe message to majordomo@amsat.org.

2.) Here are some of my pointers:

* The TH-D7A has full duplex capability. You can listen on one band and
talk on the other. That's what the "DUP" button is for. This is perfect
for voice satellite work. To really use it, you'll need headphones.

Another thing you'll need to make your life easier is a small tape recorder.
If you can record the Qs it will be much easier for you to do many things:
not have to log the Qs while pointing the antenna and holding the radio,
listen to your operating technique, etc. I have an Aiwa unit that I bought
from BestBuy. It has a belt clip so it clips on your belt. I put it on
record before the pass starts, but pause it. When the bird comes up and I
have a good copy, I turn the pause off and away I go.

Now for the most important part: LISTEN, LISTEN, LISTEN, LISTEN, LISTEN.
The biggest mistake people make is failing to listen on the birds. They
talk and talk and that causes all sorts of QRM. UO-14 and AO-27 are FM
birds. Only one person can talk at a time. IF YOU DON'T HEAR THE BIRD DO
NOT TRANSMIT!!! This is a major problem and people need to realize that
they could get into the bird but be on the wrong downlink frequency on their
radio, etc. Then they call and call and call and ruin it for everyone else.
If you hear the bird, transmit. If you get through, you will hear yourself
in the downlink.

Don't just call CQ Satellite. Don't just throw out your call. FM birds are
different than anything else. If you hear someone you want to work, CALL
THEM. Give their call and then yours. Don't worry about waiting for the
frequency to be clear. It won't happen. Just call and if you capture the
satellite, you're doing well. It may take multiple tries for you and the
other station to successfully work, but keep at it. Give your name and grid
square only. Keep the Qs short. It is of no use to want to rag chew on an
FM bird. Pretend you are in a contest.

Some good calls to look for: KK5DO - Bruce is an excellent sat op. KK5YY -
Jerry is probably one of the most experienced ops out there on the FM birds.
He also goes to very odd and rare grid squares. K6YK - John is always a
good guy to talk to as well. VE6EGN - Egon always seems to be on and always
has a good signal. If you try to work any of these guys when you hear them,
you should have good luck.

The Arrow antenna is harder to use than it looks. It gets VERY heavy
holding at arms length for 20 minutes. So be prepared for that. It's good
exercise.

These birds are all 2m up, 432 down. You'll need to adjust the doppler
occasionally on the downlink only. Uplink you don't need to adjust.

I would recommend listening to a couple passes and getting used to tracking
with your arrow and hearing how the QSOs work on the birds. Then when you
are more comfortable, make your call. Nothing is worse than having someone
answer you and then you lose the bird because you made a tracking error!

There, I hope these help you guys!

73,

Jon
NA9D

on 4/1/01 3:28 PM, RASNM@aol.com at RASNM@aol.com wrote:

> In a message dated 4/1/01 11:41:17 AM Mountain Daylight Time, preed@dnaco.net
> writes:
>
> << Is there a primer online someplace on how to use the TH-D7A(G) (voice or
> data, standalone or connected to a PC) to work satellites? >>
>
> Phil,
>
> There is a good article on voice and UO-14 in the Aug 2000 issue of QST, I
> have done this with my arrow. I hope to hear you there, I gotta fire mine up
> again.
>
> Here is place for APRS and Satellites:
>
> <A HREF="http://web.usna.navy.mil/~bruninga/astars.html">ASTARS: an APRS

> Satellite Tracking and Reporting System</A>
>
> I share your interest and hope someone will provide some "step by step" for
> implementing APRS with these SATs and especially messages. I just had my D7a
> upgraded to G.

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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9. [htaprs] FW: GPS for USD 60.00

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Tue, 3 Apr 2001 15:18:14 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4685-2001.04.03-14.36.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.randmcnally.com/rmc/jump?gps3 has 12 channel GPSs for USD 60.00.
These are made to snap on the back of a PalmPilot3 but contain the same 12
ch. receiver that is in their USD 99.00 PC model. I'm going to mount a D7A
to the back and have a fully functional HH APRS station!

Leon S. Ciereszko III, N4TCW

Where's Lee?   http://map.findu.com/n4tcw

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10. [htaprs] Re: GPS for Palm for $60

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Wed, 4 Apr 2001 21:50:35 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-4897-2001.04.04-15.07.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Leon,

On 4 Apr 2001, at 1:00, TAPR Hot Technology APRS digest wrote:

>
>
> http://www.randmcnally.com/rmc/jump?gps3 has 12 channel GPSs for USD
> 60.00. These are made to snap on the back of a PalmPilot3 but contain
> the same 12 ch. receiver that is in their USD 99.00 PC model. I'm
> going to mount a D7A to the back and have a fully functional HH APRS
> station!
>
> Leon S. Ciereszko III, N4TCW

do you know how you can connect the GPS to the Kenwood THD7?
What kind of data does it provide? 4800 Baud Nmea? What plugs?

73! de Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv

SMS: +436646340014@text.mobilkom.at

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] FW: Palm Pilot GPS

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Thu, 5 Apr 2001 10:55:36 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5060-2001.04.05-10.13.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do
>you think it could be interfaced to a laptop as well? pin connections?

The unit is NOT easily remotable since it has no data cable. Of course you can bring a cable out of it as I plan on doing.

>I like the size so I can paste it on the roof of my vehicle to attach a different cable to interface
>with the Kenwood.

I would not recommend putting any of their GPSs out side since they are not weatherproof.

>MRC - KB0MJM
>
>
>Michael R. Caughron

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re: GPS for Palm for $60

From: "Lee Ciereszko" <n4tcw@yahoo.com>
Date: Thu, 5 Apr 2001 11:05:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5062-2001.04.05-10.24.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Leon S. Ciereszko III, N4TCW

Where's Lee? http://map.findu.com/n4tcw

>> http://www.randmcnally.com/rmc/jump?gps3 has 12 channel GPSs for USD
>> 60.00. These are made to snap on the back of a PalmPilot3 but contain
>> the same 12 ch. receiver that is in their USD 99.00 PC model. I'm
>> going to mount a D7A to the back and have a fully functional HH APRS
>> station!
>>
>> Leon S. Ciereszko III, N4TCW
>
>do you know how you can connect the GPS to the Kenwood THD7?

Cables would need to be brought out and a little bit of PCB surgery (haven't really started hacking yet).

>What kind of data does it provide? 4800 Baud NMEA? What plugs?

It is NMEA 4800 with $GPRMC, $GPGGA, and $PRWIZCH. It has a palm connector(fits into the bottom of a PP) and a 12VDC jack that appears to be the same size as the D7A jack. Per RM, it will NOT work w/the PP3c due to a difference in size. I thought they were the same.
>
>
>73! de Werner OE9FWV

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13. [htaprs] TH-D7A(G) and APRS+SA

From: "Keith Reeves" <skyrider@nmol.com>
Date: Thu, 5 Apr 2001 21:28:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5162-2001.04.05-21.45.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know this message is simular to another I read on here but I think he was getting further along than I am. I just bought a TH-D7A(G) and downloaded APRSPLUS. I set them up on a laptop PC. The software from Kenwood lets me program everything on the HT and sends and receives through the cable just fine. When I start up APRSPLUS on the laptop, I get the normal messages unregistered and so on. I go through the setup and I show my callsign in the list, but that is it I don't see any other stations. I have let it run for hours and only my station shows up. Shouldn't I be seeing all of the stations the TH-D7A(G) is showing? It shows a full list of stations being recieved. What am I doing wrong?

Thanks for the patience and your input.

Keith Reeves N0YLU

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14. [htaprs] Re: htaprs digest: April 04, 2001

From: "Samuel McNamee" <sammcnamee@worldnet.att.net>
Date: Thu, 5 Apr 2001 22:14:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5163-2001.04.05-22.08.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> do you know how you can connect the GPS to the Kenwood THD7?
What kind of data does it provide? 4800 Baud Nmea? What plugs? <<

According to the website, the connection from the GPS to the Palm III is wireless. Based on that statement and the picture, showing the GPS mounted on the end with the infrared sensor, I'm guessing connection uses the infrared capability.

Unfortunately, my THD7 doesn't have an infrared sensor.

73
Sam
AA3SY

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15. [htaprs] Re: htaprs digest: April 04, 2001

From: "Zachary Michael, KB9UQQ" <kb9uqq@tawg.org>
Date: Thu, 05 Apr 2001 21:58:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5164-2001.04.05-22.17.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The main thing to check, is to insure that your D7 is in packet mode while trying to connect to it via APRS+. This has caused many problems of users. All you have to do if you're in APRS mode, just hit the TNC button twice. Hope this helps you out.--
Zachary Grant Michael, KB9UQQ
kb9uqq@tawg.org - http://www.qsl.net/kb9uqq/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: htaprs digest: April 04, 2001

From: "Glen Tubbesing" <gtubbesing@earthlink.net>
Date: Thu, 5 Apr 2001 22:38:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-5202-2001.04.05-00.55.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Correction... if you're already in APRS mode, you only need to press the TNC button one more time to enter packet mode, the mode you need to be in to use APRS+, WinAPRS, or any other APRS program when using the TH-D7A. Just press the TNC button until it says PACKET at the top of the screen.

73,
Glen Tubbesing
N7GOT
Las Vegas, NV

-----Original Message-----
From: bounce-htaprs-22776@lists.tapr.org
[mailto:bounce-htaprs-22776@lists.tapr.org]On Behalf Of Zachary Michael, KB9UQQ
Sent: Thursday, April 05, 2001 07:58 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: htaprs digest: April 04, 2001

The main thing to check, is to insure that your D7 is in packet mode while trying to connect to it via APRS+. This has caused many problems of users. All
you have to do if you're in APRS mode, just hit the TNC button twice. Hope this
helps you out.--
Zachary Grant Michael, KB9UQQ
kb9uqq@tawg.org - http://www.qsl.net/kb9uqq/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: APRS PIC Controller IDEA

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 6 Apr 2001 10:04:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5253-2001.04.06-09.21.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is an idea for you PIC programmers:

NEED: The kenwood 2000 has an AUTO-QSY feature so that the Rig will automatically QSY to the frequency given in a DX SPOT. Although the assumption is that the RIG is sitting on a DX cluster frequency, there is nothing that prevents it from sitting on an APRS frequency as well.

APPLICATION: APRS supports the DX spot format, but we call it the "APRS RESOURCE" format since we can use it to send any TEXT information to the DX LIST in the D700 and D7. In fact, APRSdata uses it all the time for sending out the SATELLITE PREDICTIONS to everyone with a D7 or D700.

FUTURE: We had also proposed using this as a means of QSYing a radio for any of a number of special applications. For example:

1) A 30min beacon that auto-qsy's Travelers in a new area to an "APRS" interesting channel

2) Future Automatic Voice Relay System (Cell phone concept)

3) Special events and hig-vis applications..

So since the format for a DX spot is well established, and documented in both DX clusters and APRS SPEC, and the Kenwood already has a auto-QSY feature, then someone could write PIC codes to make little external AUTO-QSY gizmos for most other computer controlled rigs too. THus, ANYONE can play in this new arena

de WB4APR@amsat.org, Bob

PCsat Design http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---

Your message: (INMAIL-ID:6696)

Return-Path: <bruninga@usna.edu>
Received: from arctic.usna.edu ([131.122.220.20]) by lists.tapr.org with SMTP (Lyris Server version 3.0); Fri, 06 Apr 2001 08:48:09 -0600
Received: from localhost (bruninga@localhost)
        by arctic.usna.edu (8.9.3+Sun/8.9.3) with ESMTP id JAA25577;
        Fri, 6 Apr 2001 09:31:01 -0400 (EDT)
X-Authentication-Warning: arctic.usna.edu: bruninga owned process doing -bs
Date: Fri, 6 Apr 2001 09:31:01 -0400 (EDT)
From: Bob Bruninga <bruninga@usna.edu>
X-Sender: bruninga@arctic
To: TAPR APRS Special Interest Group <aprssig@tapr.org>, htaprs@lists.tapr.org
Subject: APRS PIC Controller IDEA
Message-ID: <Pine.GSO.4.05L.10104060916110.20958-100000@arctic>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For you PIC programmers, here is a neat niche idea:

NEED: The kenwood 2000 has an AUTO-QSY feature so that the Rig will
automatically QSY to the frequency given in a DX SPOT. Although the
assumption is that the RIG is sitting on a DX cluster frequency, there is
nothing that prevents it from sitting on an APRS frequency as well.

APPLICATION: APRS supports the DX spot format, but we call it the "APRS
RESOURCE" format since we can use it to send any TEXT information to the
DX LIST in the D700 and D7. In fact, APRSdata uses it all the time for
sending out the SATELLITE PREDICTIONS to everyone with a D7 or D700.

FUTURE: We had also proposed using this as a means of QSYing a radio for
any of a number of special applications. For example:

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de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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18. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 6 Apr 2001 13:12:10 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5289-2001.04.06-12.28.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is how the Kwd2000 implemented the AUTO-QSY function. I want a PIC
to add this feature to all D7 and D700's and ANY OTHER RIG that has a PC
control port... Here is the minimum requirement for the DX spot (APRS
RESOURCE, or APRS QSY) format:

1) On APRS, it should be sent to the AX.25 address of RESORC or QSY

2) The FREQUENCY FIELD in the DX format MUST BE numeric characters.

3) The TIME FIELD in the DX format MUST BE 4 digits ending in a "Z"

Thus to force someone's KWD-2000 to QSY to 146.52, send him this packet:

DX de WB4APR-6~:~146.52~~~W3XYZ~~~~~~~~Pse~QSY~~~~~~~~~~~~~~~~~~~~~~~~1931Z
******YOURcall~~*********~WhoIScalling~Comments~if~any~~~~~~~~~~~~~~~~timeZ

Only the DX de, the Freq and the TIME are required...and they must begin
in the exact columns shown. I used the ~ characters to mark blank spaces
that must be transmtted with SPACES... Unfortunately this is the ONLY
packet function built into that $2300 radio with built-in-APRS-TNC..

I dont have one of these radios, so I dont know for sure which of the
above fields actually appears on the FRONT PANEL of the KWD-2000 when it
receives this packet. Remember, the radio will only QSY if the operator
has enabled it. Otherwise, the packet is displayed on the front panel.

In APRSdos, you can send one of these packets easily with the commands:
   INPUT-RESOURCE, entering the FREQ in field 1 and TIMEz in field 4
   XMIT-RESOURCE

Actually Im not sure about the arrangemeent of the fields, so try the
FREQUENCY in either the "RESOURCE" field or FIeld 1. and make the TIMEZ in
the last one...

de WB4APR, Bob

On Fri, 6 Apr 2001, Bob Bruninga wrote:

> NEED: The kenwood 2000 has an AUTO-QSY feature so that the Rig will
> automatically QSY to the frequency given in a DX SPOT. Although the
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de WB4APR@amsat.org, Bob

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APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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19. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: "Richard Carter" <rich.carter@windriver.com>
Date: Fri, 6 Apr 2001 13:36:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5292-2001.04.06-12.53.40--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Bob,
It would help if you provided a use case to describe how this works. Is there just one radio involved here? Is the D700/D7 working in APRS mode or Packet, or neither.   What do you expect the pic to do; switch the data channel or the voice channel to the new frequency? If it is the data channel that is switched, does the radio stay at the new frequency, or does it revert to the APRS frequency after a timeout?

If the radio is in APRS mode, I don't think the D700/D7 sends the packet data out the serial port. Maybe there is a way to enable this? If we are running the D700/D7 in packet mode instead of APRS mode, do you expect the pic to manage the APRS functions?

Regards
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Bob Bruninga
Sent: Friday, April 06, 2001 1:12 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: APRS PIC Controller IDEA (fwd)

Here is how the Kwd2000 implemented the AUTO-QSY function. I want a PIC to add this feature to all D7 and D700's and ANY OTHER RIG that has a PC control port... Here is the minimum requirement for the DX spot (APRS RESOURCE, or APRS QSY) format:

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de WB4APR, Bob

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de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: Alex <kg4ecv@earthlink.net>
Date: Fri, 06 Apr 2001 13:58:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5294-2001.04.06-13.07.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also would add a function to the code to make sure that only certain
trusted sources could activate the QSY feature, or can you set this
already in the 2k software?

73,
--Alex

Bob Bruninga wrote:
>
> Here is how the Kwd2000 implemented the AUTO-QSY function.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: GPS for Palm for $60

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 6 Apr 2001 12:54:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5297-2001.04.06-13.11.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just received mine.

Anyone know the pinouts for the Palm III ??

Don DeJarnette

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)
Phone (205) 349-2852   Ext. 223

22. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 6 Apr 2001 17:57:25 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5328-2001.04.06-17.14.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Wow, good questions... and you nailed a big no-go problem. The D7 and 700 do not pass packet data out the serial port while in APRS mode (or do they?). Bummer. So I guess this severly limits this application to these rigs unless they are in packet mode. Hummh... then they are probably being used with APRS and in that case, then the APRS software can do the parsing and the QSY commanding... Hummh... no need for a PIC.

I guess the PIC idea was for other ICOM and older Kenwood rigs and HF rigs where you were using a separate TNC...and another radio... duh...

Yes, the idea was that the DATA channel would stay on APRS. But the other channel (Band B) would QSY to the frequency...

bob

On Fri, 6 Apr 2001, Richard Carter wrote:

> It would help if you provided a use case to describe how this works. Is
> there just one radio involved here? Is the D700/D7 working in APRS mode or
> Packet, or neither. What do you expect the pic to do; switch the data
> channel or the voice channel to the new frequency? If it is the data
> channel that is switched, does the radio stay at the new frequency, or does
> it revert to the APRS frequency after a timeout?
>
> If the radio is in APRS mode, I don't think the D700/D7 sends the packet
> data out the serial port. Maybe there is a way to enable this? If we are
> running the D700/D7 in packet mode instead of APRS mode, do you expect the
> pic to manage the APRS functions?
>
> Regards
> Rich - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] Re: GPS for Palm for $60

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Fri, 6 Apr 2001 22:00:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5379-2001.04.06-22.17.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Just received mine.
>
>Anyone know the pinouts for the Palm III ??
>

I type "palm pinout" in to an internet search program and it said
http://www.rahul.net/rhn/pilot.html
along with 50 other links

my first site for you to visit would be
http://www.pocketaprs.com/

the Palm APRS site.

73

--

----- kc5ejk@onramp.net or kc5ejk@amsat.org -----

24. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: "Walter Dunckel" <walter@radiohound.com>
Date: Fri, 6 Apr 2001 22:50:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5420-2001.04.07-02.00.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob wrote:
> Wow, good questions... and you nailed a big no-go problem. The D7 and 700
> do not pass packet data out the serial port while in APRS mode (or do
> they?).

While the radio can pass some information through the serial port (while in
APRS mode) with the AI 1 command, the DX info is not one of them. Many of
the settings as well as messages and lists can be summoned out the serial
port while the radio is in APRS mode, but DX doesn't appear to be available
data.

One way of doing exactly what you are talking about, is to do it with the
message function (not dx). Messages can be scanned to see if they are of the
correct format. Depending on how you program your pic to look at data in the
message, your radio could be commanded to change frequencies ..... or do
just about anything.

For more info on the commands that are available, see:
http://www.ozemail.com.au/~vk2tds/aprs/d7.htm
or http://www.radiohound.com/command.htm for some of the new commands for
the G model.

Walter
KD6VYV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: "Brad Adams" <beadams@home.com>
Date: Sat, 7 Apr 2001 09:06:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5457-2001.04.07-09.22.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to all,

I am running APRS+ Version 1.99. I recently turned on the internet access to
try and locate a friend of mine. When I went in and tried to turn it off,
even though I have "disconnected" when the maps re-draw it continues to put
in the I-gates. I have re-booted the computer and started from ground zero
with no luck. Any help?

Brad Adams, N4PYI
n4pyi@n4pyi.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: APRS PIC Controller IDEA (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 7 Apr 2001 10:38:23 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-5460-2001.04.07-09.55.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good info. Thanks. So we just invent our own QSY message format and
everyone then implements it. But I guess the big question is the
application. Im still casting about looking for something useful...
Bob

 On Fri, 6 Apr 2001, Walter Dunckel wrote:

> Bob wrote:
> > Wow, good questions... and you nailed a big no-go problem. The D7 and 700
> > do not pass packet data out the serial port while in APRS mode (or do
> > they?).
>

> While the radio can pass some information through the serial port (while in
> APRS mode) with the AI 1 command, the DX info is not one of them. Many of
> the settings as well as messages and lists can be summoned out the serial
> port while the radio is in APRS mode, but DX doesn't appear to be available
> data.
>
> One way of doing exactly what you are talking about, is to do it with the
> message function (not dx). Messages can be scanned to see if they are of the
> correct format. Depending on how you program your pic to look at data in the
> message, your radio could be commanded to change frequencies ..... or do
> just about anything.
>
> For more info on the commands that are available, see:
> http://www.ozemail.com.au/~vk2tds/aprs/d7.htm
> or http://www.radiohound.com/command.htm for some of the new commands for
> the G model.
>
> Walter
> KD6VYV
>
>
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] APRS+ as an IGATE

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sat, 7 Apr 2001 11:07:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5463-2001.04.07-11.24.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

1) Make sure you are using the latest version (199YQ).
2) The IGates are objects which show on the IGate tab. They also carry
position info with them. Make sure that you delete their position
reports from your position page. Also, on the Data tab of Setup, put a
time of deletion for IGates and they will be removed automatically.

Hope this helps.

73,

Pete AE5PL

> -----Original Message-----
> From: Brad Adams [mailto:beadams@home.com]
> Subject: [htaprs] Re: APRS PIC Controller IDEA (fwd)
>
> I am running APRS+ Version 1.99. I recently turned on the
> internet access to
> try and locate a friend of mine. When I went in and tried to
> turn it off,
> even though I have "disconnected" when the maps re-draw it
> continues to put
> in the I-gates. I have re-booted the computer and started
> from ground zero
> with no luck. Any help?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] dci filter on 146.73

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 8 Apr 2001 08:59:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5618-2001.04.08-11.16.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i use the dci 4mhz filter on 146.13 in las vegas. works good. compared
it to a db products tuned bandpass filter, and for the cost, its a good
unit.

i had a problem with pagers at 152 mhz and it took them out of the picture

73
click on this link to find me http://map.findu.com/kd8s-7 or go
here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] new gps

From: David Vrona <n9qnz@arrl.net>
Date: Sun, 08 Apr 2001 12:48:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5630-2001.04.08-12.05.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I just posted this to the GPS list and I thought I would do the same
here. Hopefully it will be of use to some.

I don't know if many have heard of Holux but they have a new GPS out with a
single USB cable on it. I use a GPS in the car for amateur radio APRS and
for use with mapping programs like Street Atlas. My laptop is running
Windows 2000 pro.

I used to have one of the Pharos GPS units and although I liked the small
size I didn't like all the cables that I had to deal with. This new GPS
gets power over the USB cable, so it's a single cable right to the laptop
(that is if you have a USB port on the laptop). It's a much cleaner setup now.

The GPS itself is the size of a mouse. In fact, it looks like they used the
same injection molds from some computer mouse product. The GPS has a
magnetic base if you want to put it on your car roof but I just put it on
the dash. Oh, it also has indicator LEDs which let you know what is going
on with the unit, a nice feature IMHO. Their documentation is a little
sparse but it was quite easy to load the drivers and get going with it.

I found their web site here:

http://www.holux.com.tw/english2/p3.htm

Also, the guy in the US that I got this from is: Alan Kuo
gps_ak@excellcomputer.com

I have no affiliation with them, just a happy customer.

If you are interested, I would contact Alan directly.

Best regards,
Dave
n9qnz

30. [htaprs] Re: new gps

From: "Chris Rose" <kb8uih2@home.com>
Date: Sun, 8 Apr 2001 18:54:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5699-2001.04.08-18.06.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,
The website mentioned below seems to also indicate that a serial RS 232 connection is also available.

Chris Rose
KB8UIH
AEC Midland County, MI.
  ----- Original Message -----
  From: David Vrona
  To: TAPR Hot Technology APRS
  Sent: Sunday, April 08, 2001 12:48 PM
  Subject: [htaprs] new gps

  Hi all,

  I just posted this to the GPS list and I thought I would do the same here. Hopefully it will be of use to some.

  I don't know if many have heard of Holux but they have a new GPS out with a single USB cable on it. I use a GPS in the car for amateur radio APRS and for use with mapping programs like Street Atlas. My laptop is running Windows 2000 pro.

  I used to have one of the Pharos GPS units and although I liked the small size I didn't like all the cables that I had to deal with. This new GPS gets power over the USB cable, so it's a single cable right to the laptop (that is if you have a USB port on the laptop). It's a much cleaner setup now.

  The GPS itself is the size of a mouse. In fact, it looks like they used the same injection molds from some computer mouse product. The GPS has a magnetic base if you want to put it on your car roof but I just put it on the dash. Oh, it also has indicator LEDs which let you know what is going on with the unit, a nice feature IMHO. Their documentation is a little sparse but it was quite easy to load the drivers and get going with it.

  I found their web site here:

  http://www.holux.com.tw/english2/p3.htm

  Also, the guy in the US that I got this from is: Alan Kuo gps_ak@excellcomputer.com

  I have no affiliation with them, just a happy customer.

  If you are interested, I would contact Alan directly.

  Best regards,
  Dave
  n9qnz

31. [htaprs] Re: new gps

From: "edoc" <kd4e@arrl.net>
Date: Sun, 8 Apr 2001 20:01:08 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5712-2001.04.08-19.20.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't see any mention of Linux compatibility ... any ideas out there?

Thanks! & 73, Doc KD4E
ARRL-WCF-SEC/PIO

  Hello,
  The website mentioned below seems to also indicate that a serial RS 232 connection is also available.

  Chris Rose
  KB8UIH
  AEC Midland County, MI.

    Hi all,

    I just posted this to the GPS list and I thought I would do the same here. Hopefully it will be of use to some.

    I don't know if many have heard of Holux but they have a new GPS out with a single USB cable on it. I use a GPS in the car for amateur radio APRS and for use with mapping programs like Street Atlas. My laptop is running Windows 2000 pro.

    I used to have one of the Pharos GPS units and although I liked the small size I didn't like all the cables that I had to deal with. This new GPS gets power over the USB cable, so it's a single cable right to the laptop (that is if you have a USB port on the laptop). It's a much cleaner setup now.

The GPS itself is the size of a mouse. In fact, it looks like they used the same injection molds from some computer mouse product. The GPS has a magnetic base if you want to put it on your car roof but I just put it on the dash. Oh, it also has indicator LEDs which let you know what is going on with the unit, a nice feature IMHO. Their documentation is a little sparse but it was quite easy to load the drivers and get going with it.

I found their web site here:

http://www.holux.com.tw/english2/p3.htm

Also, the guy in the US that I got this from is: Alan Kuo gps_ak@excellcomputer.com

I have no affiliation with them, just a happy customer.

If you are interested, I would contact Alan directly.

Best regards,
Dave
n9qnz

32. [htaprs] Re: htaprs digest: April 08, 2001

From: "David B Robertson" <DROBER05@prodigy.net>
Date: Mon, 9 Apr 2001 21:48:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-5940-2001.04.09-21.37.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With the GPS going into the laptop, would there be any way of getting the NMEA data into the TH-D7A?

Dave Robertson
KC8JZX

This new GPS
> gets power over the USB cable, so it's a single cable right to the laptop
> (that is if you have a USB port on the laptop). It's a much cleaner setup
now.
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] 2001 Dayton APRS Web Page

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Fri, 13 Apr 2001 14:42:30 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6735-2001.04.13-13.59.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 2001 Dayton APRS Web Page (http://www.tapr.org/~wa1lou/2001/2001.html) has been updated with all your inputs that were received during the past 48 hours. It includes a list of 27 APRS folk who are planning to come to the Hamvention. If you want to be added to the list or if you have anything else to be added to the page, please email me.

Stan, WA1LOU

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] TM-D700 and Garmin GPSMAP162

From: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>
Date: Fri, 13 Apr 2001 19:11:58 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6807-2001.04.13-21.29.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Help, I'm at wits end!

I've programed the GPS unit:
NMEA in / NMEA out
4800 Baud

I've programed the radio:
3-2 GPS UNIT = NMEA
3-D TX INTERVAL = 1 min
3-B PATH = RELAY, WIDE
[BCON] = ON
144.390   D

They are wired together:
Shield = Ground
Radio (white to DATA in / NMEA in brown) GPS
Radio (red to DATA out / NMEA out blue) GPS

GPS good lock on 6 or more "birds"
Radio does not know GPS is there.

Any help would be appreciated.

Thanks, Allan KE6QCA,
La Mesa, CA DM12

35. [htaprs] RE: TM-D700 and Garmin GPSMAP162

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 13 Apr 2001 21:52:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6811-2001.04.13-22.10.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Reverse your leads:

White to blue, red to brown. Remember Data In on the radio should be
connected to NMEA Out on the GPS.

Pete AE5PL

I've programed the GPS unit:
NMEA in / NMEA out
4800 Baud

I've programed the radio:
3-2 GPS UNIT = NMEA
3-D TX INTERVAL = 1 min
3-B PATH = RELAY, WIDE
[BCON] = ON
144.390   D

They are wired together:
Shield = Ground
Radio (white to DATA in / NMEA in brown) GPS
Radio (red to DATA out / NMEA out blue) GPS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: TM-D700 and Garmin GPSMAP162

From: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>
Date: Fri, 13 Apr 2001 20:03:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6813-2001.04.13-22.29.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've tried that once before, I'll try it again.
While I'm there I'll check the ground connection.
Thanks
Al, KE6QCA
----- Original Message -----
From: "AE5PL Lists" <HamLists@ametx.com>
To: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>; "APRS HT SIG"
<htaprs@lists.tapr.org>
Sent: Friday, April 13, 2001 7:52 PM
Subject: RE: [htaprs] TM-D700 and Garmin GPSMAP162

Reverse your leads:

White to blue, red to brown. Remember Data In on the radio should be
connected to NMEA Out on the GPS.

Pete AE5PL

I've programed the GPS unit:
NMEA in / NMEA out
4800 Baud

I've programed the radio:
3-2 GPS UNIT = NMEA
3-D TX INTERVAL = 1 min
3-B PATH = RELAY, WIDE
[BCON] = ON
144.390   D

They are wired together:
Shield = Ground
Radio (white to DATA in / NMEA in brown) GPS
Radio (red to DATA out / NMEA out blue) GPS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: TM-D700 and Garmin GPSMAP162

From: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>
Date: Fri, 13 Apr 2001 20:06:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6814-2001.04.13-22.29.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No, the GPS isn't flashing. Maybe after I swap out the leads as suggested by AE5PL I might have better luck. I think I'll do a "paperclip" reset and start from scratch.
Thanks, Al KE6QCA
  ----- Original Message -----
  From: Nmhotair@aol.com
  To: cringram@ix.netcom.com
  Sent: Friday, April 13, 2001 7:54 PM
  Subject: Re: [htaprs] TM-D700 and Garmin GPSMAP162

  Allan
  Is the GPS on the top of the 700 flashing?
  Is 3-3 way point set 9 Digits NMEA?
  Peter Naumburg K5HAB

  In a message dated 4/13/01 8:15:23 PM Mountain Daylight Time,
  cringram@ix.netcom.com writes:

    Help, I'm at wits end!

    I've programed the GPS unit:
    NMEA in / NMEA out
    4800 Baud

    I've programed the radio:
    3-2 GPS UNIT = NMEA
    3-D TX INTERVAL = 1 min
    3-B PATH = RELAY, WIDE
    [BCON] = ON
    144.390   D

    They are wired together:
    Shield = Ground
    Radio (white to DATA in / NMEA in brown) GPS
    Radio (red to DATA out / NMEA out blue) GPS

    GPS good lock on 6 or more "birds"
    Radio does not know GPS is there.

Any help would be appreciated.

Thanks, Allan KE6QCA,
La Mesa, CA DM12

38. [htaprs] Re: TM-D700 and Garmin GPSMAP162

From: "Jim Gill" <jimgill@ix.netcom.com>
Date: Fri, 13 Apr 2001 22:19:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6815-2001.04.13-22.37.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My advice: when hooking up any kind of (non-RF) cabling for ham gear, always test all connections with small alligator clips to challenge your wiring assumptions. It's easy to get ins and outs reversed... alligator clips allow you to figure it out before you solder that pin or button up that hood.

Jim N0RMO

----- Original Message -----
From: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, April 13, 2001 10:03 PM
Subject: [htaprs] Re: TM-D700 and Garmin GPSMAP162

> I've tried that once before, I'll try it again.
> While I'm there I'll check the ground connection.
> Thanks
> Al, KE6QCA

> ----- Original Message -----
> From: "AE5PL Lists" <HamLists@ametx.com>
> To: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>; "APRS HT SIG"
> <htaprs@lists.tapr.org>
> Sent: Friday, April 13, 2001 7:52 PM
> Subject: RE: [htaprs] TM-D700 and Garmin GPSMAP162
>
>
> Reverse your leads:
>
> White to blue, red to brown. Remember Data In on the radio should be
> connected to NMEA Out on the GPS.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: TM-D700 and Garmin GPSMAP162

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Fri, 13 Apr 2001 23:34:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-6819-2001.04.13-23.52.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OR please use a VTVM-VOM-multimeter-voltmeter or Fluke thing-e.
It will save a lot of guess work.

73
--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: TM-D700 and Garmin GPSMAP162

From: "ScottM" <smorris@mindspring.com>
Date: Sat, 14 Apr 2001 19:30:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-6930-2001.04.14-18.48.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Or a good old Breakout Box.

----- Original Message -----
From: "Jim Gill" <jimgill@ix.netcom.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, April 13, 2001 11:19 PM
Subject: [htaprs] Re: TM-D700 and Garmin GPSMAP162

> My advice: when hooking up any kind of (non-RF) cabling for ham gear,
always
> test all connections with small alligator clips to challenge your wiring
> assumptions. It's easy to get ins and outs reversed... alligator clips
> allow you to figure it out before you solder that pin or button up that
> hood.
>
> Jim N0RMO
>
> ----- Original Message -----
> From: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Friday, April 13, 2001 10:03 PM
> Subject: [htaprs] Re: TM-D700 and Garmin GPSMAP162
>
>
> > I've tried that once before, I'll try it again.
> > While I'm there I'll check the ground connection.
> > Thanks
> > Al, KE6QCA
>
> > ----- Original Message -----
> > From: "AE5PL Lists" <HamLists@ametx.com>
> > To: "Allan and Carolyn Ingram" <cringram@ix.netcom.com>; "APRS HT SIG"
> > <htaprs@lists.tapr.org>
> > Sent: Friday, April 13, 2001 7:52 PM
> > Subject: RE: [htaprs] TM-D700 and Garmin GPSMAP162
> > >
> > >
> > Reverse your leads:
> > >
> > White to blue, red to brown. Remember Data In on the radio should be
> > connected to NMEA Out on the GPS.
>
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] Dayton Rooms available.

From: rwf@bsrg.org
Date: Sun, 15 Apr 2001 11:36:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7055-2001.04.15-10.54.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Atlanta group has gone to Dayton for over 10 years now.
For the first time this year, we haven't filled all our motel room spots by
1 month before the show.

We currently have 1.5 rooms available in our hotel at Little York Rd and I-75.
This is about 4 miles from the Hamvention.
Also included in the package is your entry ticket and the use of our 2 flea
market spaces.
If you are interested, please visit our web page at http://bsrg.org and
follow the link from there.

Ralph N4NEQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] D700 Aprs SatGate IGATE for linux???

From: "Darryl Smith" <darryl@radio-active.net.au>
Date: Mon, 16 Apr 2001 19:15:25 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7202-2001.04.16-04.30.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day All...

I was wondering if anyone has written a SATGATE program for LINUX using the D700 that would change frequencies, kepler offset TNC speeds, bands etc, in repsonse to satellite passages overhead. I am talking about receive only at the moment.

What I was thinking is that it would be cute to have this radio sitting on the internet here at home, changing frequencies whenever a sat went overhead. Additionally, it would be even better if one station world wide could coordinte the whole thing, such that I would not have to keep the kep's updated.

I suppose that this is a general need software, where a scanner such as a R-7000 could be controlled too... The question is, has this been done? If not, are there any volenteers that would like to work on it... I have a dual band antenna here, as well as a spare D700 that can be placed onto the net.

Darryl

Darryl Smith, VK2TDS POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] 2001 Dayton APRS Web Page

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Mon, 16 Apr 2001 22:09:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7320-2001.04.16-21.27.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just updated the 2001 Dayton APRS Web Page (www.tapr.org/~wa1lou/2001/2001.html), which now has a total of 66 APRS folks planning to be in attendance at the Hamvention. Email me if you wish to be added to the page.

Stan, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] TH-D7G ISS settings

From: "r bratberg" <rb95403@aol.com>
Date: Tue, 17 Apr 2001 12:12:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7449-2001.04.17-12.29.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dear APRS HT SIG:

If you have time, could you help me with the TH-D7 settings for ISS? Do you use A and B as separate RX/TX bands or an "odd split" on A alone?

What do you do for the positon setting?   My TX is:

KE6TIV-3>SXSPPP,CQ,NOCALL [04/17/01 09:59:17]: <<UI>>:'2Hl
[/>rb95403@aol.com

but the "sxsppp" is not my grid square despite my having my lat/long in
Pos 1 on Menu 2-4. I would like a correct grid square!

Any help is appreciated!   Bob KE6TIV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] 2001 Dayton APRS Web Page update

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Tue, 17 Apr 2001 22:13:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7585-2001.04.17-21.31.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I updated the 2001 Dayton APRS Web Page tonight
(http://www.tapr.org/~wa1lou/2001/2001.html). The update has news about the
APRS Pizza Party and the Who's Going To Dayton? list now has 80 entries.

Send any and all inputs to me and I will get them on the page ASAP.

73,

Stan, WA1LOU

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] How to tell is its a (G) model?

From: "BobD" <BobD@virtualconst.com>
Date: Wed, 18 Apr 2001 19:47:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7755-2001.04.18-19.05.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How would one know a G from an original model TH-D7A?
Is there some clue when you power it up or some key
sequence you can press to find out?

What about by serial number? Does anyone know the starting
number for the G models?

TIA,
Bob D.
N2IPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] RE: How to tell is its a (G) model?

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Wed, 18 Apr 2001 19:17:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7760-2001.04.18-19.34.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Look under the battery. There should be a sticker that says TH-D7A(G).
Also, you can see if menu 1-5-7 is "Reset" (D7A) or "Call Key" (D7AG).

Pete AE5PL

> How would one know a G from an original model TH-D7A?
> Is there some clue when you power it up or some key
> sequence you can press to find out?

>
> What about by serial number? Does anyone know the starting
> number for the G models?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: How to tell is its a (G) model?

From: "Glen Tubbesing" <gtubbesing@earthlink.net>
Date: Wed, 18 Apr 2001 17:22:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7762-2001.04.18-19.41.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine has a little sticker on the heat sink on the back under the battery
that says "Model TH-D7A(G)".

You're Welcome,
Glen N7GOT

----- Original Message -----
From: "BobD" <BobD@virtualconst.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, April 18, 2001 04:47 PM
Subject: [htaprs] How to tell is its a (G) model?

> How would one know a G from an original model TH-D7A?
> Is there some clue when you power it up or some key
> sequence you can press to find out?
>
> What about by serial number? Does anyone know the starting
> number for the G models?
>
> TIA,
> Bob D.
> N2IPH
>
>
>
> ---
> You are currently subscribed to htaprs as: gtubbesing@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Garmin eTrex Vista and the D700A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Wed, 18 Apr 2001 22:56:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7788-2001.04.18-23.14.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Recently I managed to mess up my Garmin 12XL ability to transmit RS232 8-<.
I decided to upgrade to a GPS that had mapping capability. I was looking
at the Street Pilot and eMap series about 6 months ago but did not like buying
external memory and the battery life of the Street Pilot is bad.

I looked at the Garmin web site and liked the new entries in the eTrex line.
After searching around the local area I found a Vista for $349.95 at Eastern
Mountain Sports (the last one, the display model). I wanted the 24 megs of
memory for maps. The unit comes with a data cable only (no external power).

I noticed someone mentioning GPS City having them for $300 but I did not want
to wait 8->. I did find that some CompUSA stores are carrying the combo data/
power cable for 39.99 which is about what GPS City sells them for. I picked
up a cable this evening at a local CompUSA.

The unit is smaller than a 12XL and has the advantage of nearly lying flat
with the data cable connected (Alot better than the 12XL). The unit can
accept NMEA waypoints from the D700A. In fact it can use the 9 character
setting instead of the 5 character setting I used for the 12XL. APRS stations
are nicely displayed on a reasonably detailed base map. The base map seems to
be as detailed as, for example, the Boston and Vicinity map on a Massachusetts
roadmap. It has the major highways and the major roads in a city. The higher
resolution display makes for nice text fonts and map display.

They tend to use a graphical menu system with 'shortcut' buttons for page and
find on the left and right sides of the unit. There are also zoom in and out
buttons on the left side. Alot of the navigation of the menus is done with
a joystick on top. I have some problems with it as I find it is easy to press
down on it and make a selection accidentally.

One interesting feature is WAAS. It is in the testing phase. WAAS is a
FAA sponsored project for differential GPS corrections.   It is on the
same frequency as GPS signals but is broadcasted from a Geosynchronous
Satellite. The receiver uses one of the GPS channels to receive it and
the satellite numbers are above 32. The WAAS signal seems to be more
sensitive to blockage. One interesting aspect of WAAS is it is designed
to work anywhere in the Continental US (and nearby areas of Canada and Mexico)
as compared to DGPS by the Coast Guard only being good within 60 miles or so
of the reference station. I am getting 11 to 14 foot errors most of the time
with occasional 9 foot errors.

The compass and the altimeter is great. It even has a graphical moon phase
indicator in addition to the sunrise/sunset calculator.

So far it works great. I have not tried it yet on my D7A(G). I have not
used the MapSource software for more detailed maps.

73 Eric eac@shore.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: htaprs digest: April 18, 2001

From: "Don Wilbanks, KC5MFA" <kc5mfa@bellsouth.net>
Date: Thu, 19 Apr 2001 02:29:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7823-2001.04.19-02.47.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had mine updated at Dayton last year to the G. In addition to the sticker
and menu 1-5-7 differences, mine also says TH-D7(G) on the display at
power-up.

73,

Don
KC5MFA

Visit my website:
http://www.qsl.net/kc5mfa
Visit the Westside Amateur Radio Club website:
http://www.qsl.net/w5abd
Visit the New Orleans VHF Club website:
http://www.qsl.net/w5mcc
----- Original Message ----- > Subject: How to tell is its a (G) model?
> From: "BobD" <BobD@virtualconst.com>
> Date: Wed, 18 Apr 2001 19:47:54 -0400
> X-Message-Number: 1
>
> How would one know a G from an original model TH-D7A?
> Is there some clue when you power it up or some key
> sequence you can press to find out?
>
> What about by serial number? Does anyone know the starting
> number for the G models?
>
> TIA,
> Bob D.
> N2IPH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Help with TH-D7 to PC sound card interface cable

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 19 Apr 2001 6:50:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7842-2001.04.19-07.07.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I have created some remote control software using Netmeeting to locally and via the Internet Control my Kenwood TH-D7 via the serial port and PC out jack and need to build a cable to interface the HT speaker out a 2.5 mm jack, and the Mic out a 3.5 mm jack to my PC sound card.

Using a std mini plug stereo cable from the PC soundcard Line out to the mic jack on the TH-D7 instantly puts the rig in transmit or PTT.

I am interested in controlling the transmit or PTT via the serial cable not the Mic jack.

Has anyone ever done this???

If so could you describe your cables too me.

I have contacted the Rigblaster/PSK31 people at West Coast Radio but have heard nothing back yet.

I would like to build the cables myself if at all possible.

Thanks in advance,

73's

K1RTV
Randy R. Creller
RandyRoo@hotmail.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: Garmin eTrex Vista and the D700A

From: "Eric A. Cottrell" <eac@shore.net>
Date: Thu, 19 Apr 2001 08:28:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7863-2001.04.19-08.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

One missing feature I forgot to mention. The eTrex line does not have an external antenna connector. I do not use an external antenna except when I am in the house. So it is more difficult to do in-house testing with the eTrek.

The product comparison pages at the Garmin Website gives a good overview of features.

73 Eric

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: Help with TH-D7 to PC sound card interface cable

From: rwf@bsrg.org
Date: Thu, 19 Apr 2001 09:33:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7864-2001.04.19-08.52.41--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

You have come to the right place, because some of the folks here decoded
the serial commands for the THD-7 and published them long before we heard
anything official on them.

  I think Daryl Smith in Australia had the protocol outlined on a web page
about it at: http://members.ozemail.com.au/~vk2tds/d7.htm   That web page
is now down and I do not have a current link. I hope someone else will post
the current one.   I am privately forwarding you a message he once posted
with the commands in it.

Ralph N4NEQ
Atlanta   flea market spaces 4050 and 4051 at Dayton

  At 06:50 AM 4/19/01 +0000, you wrote:
>Hi,
>I am interested in controlling the transmit or PTT via the serial cable not
>the Mic jack.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Packet viewer

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 19 Apr 2001 09:55:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7869-2001.04.19-09.12.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you've already received this, please excuse the bandwidth. I sent out a
version of this question last week, but received no replies. I've expanded
the distribution list and sent it out again. I'm working on an APRS TNC,
and need some help finding test software.

Sometime in the recent past, I saw a reference to a packet viewer, but I
lost the link. If I remember, the software takes a raw ax.25 packet, and
reformats it for display. I think it understands mic-e format. I hope to
be working with packet data pretty soon. This software would come in real
handy to help troubleshoot and test my software. Does anyone remember what
it is?

Also, I'll need some software to test my KISS mode drivers. Something that
sends and receives KISS packets is all I need. Does anyone have any
recommendations? I'll probably need this before the packet viewer, since
the kiss driver doesn't know anything about ax.25 message formats.

Rich - KE1EV

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: Help with TH-D7 to PC sound card interface cable

From: "Rik Stallings" <rik@lcsd.logan.k12.ut.us>
Date: Thu, 19 Apr 2001 13:55:24 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-7954-2001.04.19-15.12.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try http://radio-active.net.au/aprs/d7.htm I think that's the link you were
looking for.

> -----Original Message-----
> From: bounce-htaprs-19929@lists.tapr.org
> [mailto:bounce-htaprs-19929@lists.tapr.org]On Behalf Of rwf@bsrg.org
> Sent: Thursday, April 19, 2001 7:33 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Help with TH-D7 to PC sound card interface cable
>

>
> You have come to the right place, because some of the folks here decoded
> the serial commands for the THD-7 and published them long before we heard
> anything official on them.
>
>   I think Daryl Smith in Australia had the protocol outlined on a
> web page
> about it at: http://members.ozemail.com.au/~vk2tds/d7.htm   That
> web page
> is now down and I do not have a current link. I hope someone else
> will post
> the current one.   I am privately forwarding you a message he once posted
> with the commands in it.
>
>
> Ralph N4NEQ
> Atlanta   flea market spaces 4050 and 4051 at Dayton
>
>
>
>   At 06:50 AM 4/19/01 +0000, you wrote:
> >Hi,
> >I am interested in controlling the transmit or PTT via the
> serial cable not
> >the Mic jack.
>
>
>
> ---
> You are currently subscribed to htaprs as: n7xz@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] Re: Help with TH-D7 to PC sound card interface cable

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Fri, 20 Apr 2001 12:15:44
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8152-2001.04.20-12.33.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the commands,

I was looking for a digram of a cable to connect the mic out to the PC Line
Out ont the sound card.

I am not interested in PTT via the mic as I am doing this via the serial
cable.

Anyone ever done this???

Your help would be greatly appreciated.

Randy

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] las vegas nab convention

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Fri, 20 Apr 2001 20:03:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8266-2001.04.20-22.20.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

anyone coming to Vegas with APRs to attend N.A.B. convention?

Steve Scott
Sinclair broadcasting station TV 21/33

shop #   382-2718

73
click on this link to find me http://map.findu.com/kd8s-7 or go
here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] Re: Las Vegas nab convention

From: robhanson@juno.com
Date: Fri, 20 Apr 2001 21:47:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8315-2001.04.21-00.55.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'll be flying in Monday (not a commercial flight) and will beacon on the
way from L.A.

Not much point in running the tracker in the exhibit halls.

73 ... Rob ... W6RH-7

On Fri, 20 Apr 2001 20:03:40 -0700 " STEVE SCOTT LAS VEGAS"
<kd8s@skylink.net> writes:
> anyone coming to Vegas with APRs to attend N.A.B. convention?
>
> Steve Scott
> Sinclair broadcasting station TV 21/33
>
> shop +ACM- 382-2718
>
> 73
> click on this link to find me http://map.findu.com/kd8s-7
> or go
> here and type in kd8s-7 to get a track drawing
> www.wulfden.org/aprsquery.shtml
>
_____
GET INTERNET ACCESS FROM JUNO!
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http://dl.www.juno.com/get/tagj.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] eTrex Vista and the D7A(G)

From: "Eric A. Cottrell" <eac@shore.net>
Date: Sat, 21 Apr 2001 16:29:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8446-2001.04.21-16.47.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

I did some experiments today with my D7A(G). I had no problems running with
the eTrex Vista. My D700A could recieve positions as well as aprs.net (from
the local gateway). I set the D7A(G) to send 9 character NEMA waypoints and
any recieved positions where displayed on the map. In fact the map and even
the waypoint list will update if new positions come in when the map or the
waypoint list is displayed.

The only annoyance so far is when the eTrex Vista goes off external power a
message box tells you and prompts you to hit a key within 20 seconds.
If you do not hit a key before the timeout the unit powers off.

73 Eric eac@shore.net WB1HBU

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] How do I know???

From: "Allen M. Mytyk" <w8aii@arrl.net>
Date: Mon, 23 Apr 2001 17:43:22
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8754-2001.04.23-18.00.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Group...

I recently configured my TH-D7A(G) and a Lowrance GlobalMap100 for APRS...
At least as far as I can tell it's configured. My question to the group
is... How do I know it is ACTUALLY transmitting my position. The
TH-D7A(G)is receiving data but I don't know if it is sending my position
reports. I'm knew to to APRS so any help is most appreciated...

Many thanks in advance folks...

73's Al/W8AII

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] PACK*BASH at the 2001 Dayton Hamvention

From: John Ackermann N8UR <jra@febo.com>
Date: Mon, 23 Apr 2001 19:15:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: tapr-board@lists.tapr.org
Message-ID: <LYR845-8768-2001.04.23-18.33.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

*****
Yes, there will be a PACK*BASH this year! Things were a bit uncertain for
a while as we just learned that our traditional site would not be available
this year. But we've found a very good alternative, and we invite you to
attend the 2001 PACK*BASH.

If you'd like to attend, please contact the TAPR office as described below.

What?
        An event for the digitally-inclined ham, featuring:
        * Buffet dinner
        * Keynote Address (Speaker to be named)
        * TAPR special interest group meetings
        * "Birds of a Feather" gatherings

When?
        Friday evening, May 18, 2001
        Doors open at 7:00 pm; dinner served at 7:30 pm
        Speaker and meetings after dinner

Where?
        *** NEW LOCATION ***
        The NCR "Sugarcamp" facility that we've used in the past is no
longer
        available. Instead, we'll be at Kohler's Banquet Center, 4548
        Presidential Way, Kettering (39 40.75N, 84 08.43W), just south of
        East David Road between Far Hills Ave. and Wilmingon Pike.
        Maps available on the TAPR web site (www.tapr.org) or at the
        TAPR booth.

How?
        Dinner requires advance registration and payment through TAPR.
        Tickets will be available at the TAPR booth on Friday, though
        we strongly encourage registration <before> Hamvention. The cost
        is $25.00 per person, tax and tip included.

        All amateurs are welcome to attend, enjoy the speaker, and
        particpate in the meetings, although only those purchasing a dinner
        can eat.

        To register, contact:
        PACK*BASH
        c/o TAPR
        8987-309 E. Tanque Verde Road #337

Tucson, AZ 85749-9399

Phone: (940) 383-0000
Fax: (940) 566-2544
Internet: tapr@tapr.org

Visa/Mastercard Accepted

Who?
PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet Radio, the national leader in digital communication -- and the Miami Valley FM Association, Dayton's packet radio club.

For more information (including maps), go to
http://www.tapr.org/tapr/html/dayton.html, or send email to tapr@tapr.org.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

62. [htaprs] Re: How do I know???

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Mon, 23 Apr 2001 18:43:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8781-2001.04.23-19.01.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Allen,

> is... How do I know it is ACTUALLY transmitting my position. The
> TH-D7A(G)is receiving data but I don't know if it is sending my position
> reports.

Be sure that you have chosen to Beacon (BCON button) so that BCON appears on your display. Then you should see the Red Light (Transmit) start to wink when it sends out your position.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Re: How do I know???

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Mon, 23 Apr 2001 21:45:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8818-2001.04.23-22.03.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I have the "BCON" option activated. I have the
> "transmit interval" set currently to "one minute" I
> don't know if this is too often or not.
> The default is
> 5 minutes.

This is pretty fast, but should OK for testing. Probably the 5 min or 10 min settings wouldn't be bad once you have things working properly. Also, you should see "My Position" on the 3rd line of your display periodically.

> Shouldn't I be able to go to "www.findu.com"
> and see my activity? I have tried this and can not see
> my call anywhere...
This is totally dependant on if you can be heard by a machine that will gate your info to the Internet servers. Perhaps you aren't near an IGate machine. Other settings in your 'path' could prevent you from reaching an IGate machine. I had to make 'path' changes to get IGated and messages acknowledged.

> I have the frequency set at
> 144.390mhz. Should I be on another frequency???
This is the correct frequency, don't change.

Possibilities:
Do you see the red light (transmit) flash about every minute? (You should)

Is there someone else in your area that you can check to see if they have
'heard' your transmissions?
Do you show up on anyone's map in your area?
Can you go to someone's base station and, standing out in their yard, be
seen on their map?
I tested out my HT by borrowing a laptop and running WinAPRS. I could see
my GPS data coming in from the HT through the serial port. Is something
like this possible?
I use the Kenwood program (from their website) to program all the items in
my HT. If you are, could you send me one of your setup files (off-sig) for
comparison to mine?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Re: How do I know???

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 23 Apr 2001 21:49:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-8819-2001.04.23-22.08.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Allen M. Mytyk" wrote:
> Hello Group...

> I recently configured my TH-D7A(G) and a Lowrance GlobalMap100 for APRS...
> At least as far as I can tell it's configured. My question to the group
> is... How do I know it is ACTUALLY transmitting my position. The
> TH-D7A(G)is receiving data but I don't know if it is sending my position

You should hear a digipeat come back if you're in range of a
digipeater.
You should also see "my packet" on the display when it sees your
digipeat.
To verify the right position, surf over to
http://www.map.findu.com/yourcall (substitute your call with ssid)
It should show your position if you're in range of an igate.

Skip
K9SA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: How do I know???

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 24 Apr 2001 09:27:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-8911-2001.04.24-09.45.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Hello Group...
>
>I recently configured my TH-D7A(G) and a Lowrance GlobalMap100 for APRS...
>At least as far as I can tell it's configured. My question to the group
>is... How do I know it is ACTUALLY transmitting my position. The
>TH-D7A(G)is receiving data but I don't know if it is sending my position
>reports. I'm knew to to APRS so any help is most appreciated...

Here are some settings to make sure you have set as shown so that the rest
makes sense.

menu name   value
---- ---------   ---------
2-F BEEP   MINE
2-C DATA TX   AUTO
2-B PACKET PATH RELAY,WIDE3-3
2-2 GPS UNIT   NMEA
2-P TX DELAY   500ms
2-N PACKET SPEED 1200bps
2-M DATA BAND   A
2-1 MY CALLSIGN W8AII   <maybe with an SSID of -7 for 'thd7'>

Now, if you have these set as initial values, you should be able to do the
following.

1   Set the A band (top band) to the APRS freq of 144.390.
2   Make sure the A band is simplex transmit, it should be by default.
3   Put the TNC in APRS mode so that it just says 'TNC' on the top line
        of the display, and not 'TNC packet'.
4   Look at the top line right of the 'TNC' indicator and if BCON is not
        there, push the BCON button once. If the BCON indicator is on, push
        the BCON button twice to turn.

Step 4 will cause a posit packet to be transmitted, you should see the A band
transmit indicator turn red, and then off. If you are digipeated, you should
here a high to low tone transition for each digipeat that occurs. The display
should also flash 'MY POSITION'.

Other than this, look over the APRS configuration information in your manual
and make sure there is not something else that you or I missed in the above
basic settings.

Ohh, also make sure that the battery saver is turned off under the RADIO-SAVE
menu structure.

Gregg - KD5KGR

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Thanks!!!

From: "Allen M. Mytyk" <w8aii@arrl.net>
Date: Thu, 26 Apr 2001 5:17:48
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9268-2001.04.26-05.35.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Group...

Just a quick note to give a big "Thanks"... I'm new to APRS and I can't
tell you how much I appreciated all the great info... I'm finally "on the
map"....

You guys are what HAM RADIO is all about...

73's

Al/W8AII-7

p.s. If you're at the Dayton Hamvention, stop by and see me at 3837,3838
and I'll buy you a "cold one"... Tnx again...

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] Xoff for TH-D7

From: "Anthony Parise" <aparise@fast.net>
Date: Fri, 27 Apr 2001 9:54:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9581-2001.04.27-10.12.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone else encountered this problem: when sending an Xoff character
to the TH-D7 (<CTRL>S), the TH-D7 stops sending (data). This is not
unreasonable if Xon-Xoff is used, but I can't get the TH-D7 to respond to
the Xon character, usually <CTRL>Q. The only way I have been able to clear
this out is to turn the radio off, then on again. Does anyone know if
there is an Xon character that the TH-D7 reponds to?

Why this concern over Xon-Xoff?   It seems that Windows ME (at least on
some computers) sends an Xoff character just before it opens a COM port,
even if the COM port is not configured for Xon-Xoff. This turns off the

TH-D7's serial data and leaves it unable to upload and download commands.
The TNC seems unaffected, however.

Anyone else have this problem, and, if so, does anybody have a solution?

Anthony Parise
WA3HRL
1a2parise@3fast4.5net6 (anti spam, remove digits)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] Aprs on bicycle.

From: Ben Woodard <ben@valinux.com>
Date: Fri, 27 Apr 2001 09:40:44 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9621-2001.04.27-12.16.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'd like do do APRS from my bike. Does anyone have any suggestions for
temporarily mounting my D7A on my bike. I've got my Garmin GPS12
mounted on the handlebars and use it as a sort of speedometer. I've
found it is best to keep some distance between it and the HT. The only
attachment point that seems to be available on the D7A is the belt
clip attachment point on the battery. I'm not sure that could
withstand the vibration.

-ben

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Re: Aprs on bicycle.

From: sgreene@valinux.com
Date: Fri, 27 Apr 2001 13:26:09 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-9632-2001.04.27-12.44.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 27 Apr 2001, Ben Woodard wrote:

> I'd like do do APRS from my bike. Does anyone have any suggestions for
> temporarily mounting my D7A on my bike. I've got my Garmin GPS12

Mount on a bike rack (or trailer if you had kids). Adequate grounds for
verticals are a p-i-t-a on a bike; some people make a j-pole style antenna
out of coax or twinlead and tape it to a bike flag.

And bring a palm pilot with serial connector and you can send messages,
etc. if the D7A isn't enough.

Check the APRS mailing list archives on tapr.org or do a google search.
This topic comes up regularly.

Steve

Stephan A. Greene   sgreene@valinux.com
Senior Systems Specialist, VA Linux Systems 1-888-LINUX-4U x76774
Mid-Atlantic Region   1-703-980-3475
Amateur KA1LM@amsat.org Grid FM18hx   38 59'83.33"N 77 23'6.15"W

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: Aprs on bicycle.

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 27 Apr 2001 14:46:16 -0700 (PDT)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-9678-2001.04.27-17.04.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Palm's a good idea for Mobile APRS. Does anyone know of a source for a handlebar mount for a Palm? www.bikebrain.com supply one with their navigation software, but I don't really want to pay $100 for software I don't want, just to get the mount (the software has no map nor GPS support). Maybe if enough of use want just the mount, we could get a group purchase deal......let me know.

73, VE7VIE/KD7IGX (dash 7)

sgreene@valinux.com wrote:

On Fri, 27 Apr 2001, Ben Woodard wrote:

> I'd like do do APRS from my bike. Does anyone have any suggestions for
> temporarily mounting my D7A on my bike. I've got my Garmin GPS12

Mount on a bike rack (or trailer if you had kids). Adequate grounds for verticals are a p-i-t-a on a bike; some people make a j-pole style antenna out of coax or twinlead and tape it to a bike flag.

And bring a palm pilot with serial connector and you can send messages, etc. if the D7A isn't enough.

Check the APRS mailing list archives on tapr.org or do a google search. This topic comes up regularly.

Steve

Stephan A. Greene sgreene@valinux.com
Senior Systems Specialist, VA Linux Systems 1-888-LINUX-4U x76774
Mid-Atlantic Region 1-703-980-3475
Amateur KA1LM@amsat.org Grid FM18hx 38 59'83.33"N 77 23'6.15"W

You are currently subscribed to htaprs as: ve7vie@rac.ca
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices

71. [htaprs] Palm on bicycle.

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 27 Apr 2001 14:52:55 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-9682-2001.04.27-17.10.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Palm's a good idea for Mobile APRS. Does anyone know of a source for a handlebar mount for a Palm? www.bikebrain.com supply one with their navigation software, but I don't really want to pay $100 for software I don't want, just to get the mount (the software has no map nor GPS support). Maybe if enough of use want just the mount, we could get a group purchase deal......let me know.

73, VE7VIE/KD7IGX (dash 7)

sgreene@valinux.com wrote:
And bring a palm pilot with serial connector and you can send messages, etc. if the D7A isn't enough.

Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices

72. [htaprs] Re: Aprs on bicycle.

From: n7qxo@juno.com
Date: Fri, 27 Apr 2001 15:51:05 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-9694-2001.04.27-18.09.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben,
I use the Ram-Mount for the TH-D7A on my bike. You can buy it from HRO, and I use a Garmin GPSIII+. Ram-Mount has a holder, but I use the one from Garmin.
To connect to the handle bar you need to get the mount to put on bars/poles. Or, I have seen guys take the base that comes with the package from HRO and bend threaded rod to make a u-bolt and mount to bars. But it does not look as nice.

If you need I can send you a picture of the assembly.
Ron Reeves
N7QXO

On Fri, 27 Apr 2001 09:40:44 -0700 Ben Woodard <ben@valinux.com> writes:
> I'd like do do APRS from my bike. Does anyone have any suggestions
> for
> temporarily mounting my D7A on my bike. I've got my Garmin GPS12
> mounted on the handlebars and use it as a sort of speedometer. I've
> found it is best to keep some distance between it and the HT. The
> only
> attachment point that seems to be available on the D7A is the belt
> clip attachment point on the battery. I'm not sure that could
> withstand the vibration.
>
> -ben
>
>
> ---

_____
GET INTERNET ACCESS FROM JUNO!
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http://dl.www.juno.com/get/tagj.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Re: Aprs on bicycle.

From: "Richard Amirault" <ramirault@erols.com>
Date: Fri, 27 Apr 2001 21:15:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9707-2001.04.27-20.33.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I used to do bicycle mobile (not APRS) and still do on occasion. There are various methods folks use (by the way check out the Bicycle Mobile Hams of America web page http://www.lafetra.com/bmha/) Frankly, I don't think HT's are built to take the same vibration level that GPS's are so I would hesitate to put it on the handlebar. I just attach it to my belt.

Richard Amirault N1JDU Boston, MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Ben Woodard" <ben@valinux.com>

Subject: [htaprs] Aprs on bicycle.

> I'd like do do APRS from my bike. Does anyone have any suggestions for
> temporarily mounting my D7A on my bike. I've got my Garmin GPS12
> mounted on the handlebars and use it as a sort of speedometer. I've
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> withstand the vibration.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Re: Aprs on bicycle.

From: "Richard Amirault" <ramirault@erols.com>
Date: Fri, 27 Apr 2001 21:34:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9710-2001.04.27-20.51.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Oh, and I forgot ... you only asked about mounting the radio. You didn't mention anything about the antenna. I would *not* use the stock rubber duck, ... and ... I would not use anything directly on the HT itself either. When I do bicycle mobile I use a standard Larson 2/70 dual band mobile antenna attached to the rear luggage rack. Other folks have used things like a 2 meter J-Pole antenna. See the BHMA site for further suggestions.

Richard Amirault N1JDU Boston, MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Richard Amirault" <ramirault@erols.com>
Subject: [htaprs] Re: Aprs on bicycle.

> I used to do bicycle mobile (not APRS) and still do on occasion. There are
> various methods folks use (by the way check out the Bicycle Mobile Hams of
> America web page http://www.lafetra.com/bmha/) Frankly, I don't think HT's
> are built to take the same vibration level that GPS's are so I would
> hesitate to put it on the handlebar. I just attach it to my belt.
>
> Richard Amirault N1JDU Boston,

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] dayton DAYTON**dayton

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sun, 29 Apr 2001 16:44:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-9966-2001.04.29-19.01.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hey we are building a list of Las Vegas hams going to Dayton

if you are in Vegas e mail me and I will e mail the local Vegas tracker guy..then

we can figure out where to meet on the radio and where to meet inside the hamvention

73

any of you guys working for Sinclair broadcasting be sure to let me know

kd8s@skylink.net

73
click on this link to find me http://map.findu.com/kd8s-7 or go here and type in kd8s-7 to get a track drawing
www.wulfden.org/aprsquery.shtml

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] APRS Digipeater

From: "Allen M. Mytyk" <w8aii@arrl.net>
Date: Mon, 30 Apr 2001 6:35:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10004-2001.04.30-06.52.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning Group...

Well, now that my mobile APRS system is up and running, I think it's time
to move on the the next phase and that is install a APRS digipeater system
at my home QTH. I am in a location where I belive I can fill a void for
APRS. I would like to do this in the most econimical and efficient way
possible. My questions to the group are:

1>   What type of software is recommended for APRS Digipeating?
2>   What settings should I be using within the software?

I will using a ICOM IC-2100H, antenna will be either a Ringo VHF or a G6 at
about 40 feet.

Thanks in advance...
Al/W8AII-7

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77. [htaprs] Emap

From: tamper <tamper@blueabbey.com>
Date: Mon, 30 Apr 2001 11:05:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10040-2001.04.30-11.20.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know if the EMap gps works with TH-D7 Kenwood?
thanks for any responce.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Re: Emap

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 30 Apr 2001 12:23:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10059-2001.04.30-12.42.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:05 AM 4/30/01, tamper wrote:

>Anyone know if the EMap gps works with TH-D7 Kenwood?
>thanks for any responce.

As long as you have a G variant there should be no problems.   Non-G
TH-D7's depend on the firmware in your eMap.

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] Re: Aprs on bicycle.

From: "John Sullivan" <jbs@quickturn.com>
Date: Mon, 30 Apr 2001 17:06:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-10124-2001.04.30-19.27.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The BikeBrain mount is available separately,
see http://www.bikebrain.com/order.html
and search for "CASE and MOUNT PARTS"

John WD6BTP

  ----- Original Message -----
  From: Barry Bogart
  To: TAPR Hot Technology APRS
  Cc: TAPR Hot Technology APRS
  Sent: Friday, April 27, 2001 2:46 PM
  Subject: [htaprs] Re: Aprs on bicycle.

  Palm's a good idea for Mobile APRS. Does anyone know of a source for a handlebar mount for a Palm? www.bikebrain.com supply one with their navigation software, but I don't really want to pay $100 for software I don't want, just to get the mount (the software has no map nor GPS support). Maybe if enough of use want just the mount, we could get a group purchase deal.....let me know.

  73, VE7VIE/KD7IGX (dash 7)

    sgreene@valinux.com wrote:

    On Fri, 27 Apr 2001, Ben Woodard wrote:

    > I'd like do do APRS from my bike. Does anyone have any suggestions for
    > temporarily mounting my D7A on my bike. I've got my Garmin GPS12

    Mount on a bike rack (or trailer if you had kids). Adequate grounds for
    verticals are a p-i-t-a on a bike; some people make a j-pole style antenna
    out of coax or twinlead and tape it to a bike flag.

    And bring a palm pilot with serial connector and you can send messages,
    etc. if the D7A isn't enough.

    Check the APRS mailing list archives on tapr.org or do a google search.
    This topic comes up regularly.

    Steve

    Stephan A. Greene sgreene@valinux.com
    Senior Systems Specialist, VA Linux Systems 1-888-LINUX-4U x76774
    Mid-Atlantic Region 1-703-980-3475
    Amateur KA1LM@amsat.org Grid FM18hx 38 59'83.33"N 77 23'6.15"W

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----
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May 2001

Original source file: htaprs.0105
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0105

1. [htaprs] re: APRS Digipeater

From: Ralph Milnes <milnes1@rcn.com>
Date: Tue, 01 May 2001 09:49:12 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10207-2001.05.01-09.07.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Allen,

I'm not a digipeater owner, so maybe the best answer will come from someone who is. I can think of two "economical and efficient ways".

1. I think you can be a very effective digipeater just by using a Kantronics KPC3+ (ver. 8.3) TNC -- no need for a computer or other software. Just hook your radio to the TNC. The KPC3+ is currently the TNC of choice for APRS work. It has built in "smart digipeater" functions including extended alias options (for WIDE, TRACE, Your State Code, etc). It also can implement the various WIDEn-N protocols.

2. Another optioni may be to use the computer and your sound card -- no TNC required. The AGWPE program (free) can act as a sound card modem and there's a program called Digiplex (free) http://www.qsl.net/lu7did/ which, I think, performs all digipeater functions using AGWPE as it's base. I don't know that anyone has used this for a digipeater, so you may be in uncharted waters, but the price may be right (you'd have to build some simple sound card to radio cables).

You can get AGWPE setup info from my web site at:
http://www.qsl.net/soundcardpacket/

This is a good question for the main APRS list, so if you don't get much other input, you might move the question over there.

73,

Ralph, KC2RLM

>Good morning Group...
>
>Well, now that my mobile APRS system is up and running, I think it's time
>to move on the the next phase and that is install a APRS digipeater system
>at my home QTH. I am in a location where I belive I can fill a void for
>APRS. I would like to do this in the most econimical and efficient way
>possible. My questions to the group are:
>
>1>   What type of software is recommended for APRS Digipeating?
>2>   What settings should I be using within the software?
>
>I will using a ICOM IC-2100H, antenna will be either a Ringo VHF or a G6 at
>about 40 feet.
>
>Thanks in advance...
>Al/W8AII-7

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2. [htaprs] RE: htaprs digest: April 30, 2001

From: "Petz, Michael" <MPetz@stlcc.cc.mo.us>
Date: Tue, 1 May 2001 09:05:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10215-2001.05.01-09.26.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am looking for four or five pins for the Garmin 20 GPS receiver. I have the connector, but sort a few pins.

Michael Petz
KA9HNT

mpetz@stlcc.cc.mo.us

3. [htaprs] re: APRS Digipeater

From: Walter Dunckel <walter@radiohound.com>
Date: Tue, 01 May 2001 06:49:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-10219-2001.05.01-09.59.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I own the TM-D700, so I guess that makes me a digipeater owner, though I am sure others have much more experience in this. I would think the best way to go would be for a self sufficient digipeating TNC, so you don't have to rely on your computer, soundcard and serial port.

I have used my TM-D700 as a digipeater, but found it a shame to tie up the radio that way.

The KPC3+ is a great TNC. If you don't mind tying up $169 in a full time digipeater, it may be the way to go.

I found a great alternative that I haven't tried out yet. I found a website that offers free software to load to the eprom of a KPC 2 or compatible that allows it to perform as a digipeater. The documentation/manual looks great. Since KPC 2's can be picked up for very low cost, this seems like a great way to go. You can probably pick up about three for the price of one new KPC3+. What you end up with is a very self sufficient digipeater that does not have to rely on your computer (and some of its resources) to function. It also makes it easier to bring to a remote location.

Here is the link:

http://space.tin.it/computer/msavegna/uidigi.htm

Walter
http://www.radiohound.com

Ralph Milnes wrote:

> Allen,
>
> I'm not a digipeater owner, so maybe the best answer will come from someone
> who is. I can think of two "economical and efficient ways".
>
> 1. I think you can be a very effective digipeater just by using a
> Kantronics KPC3+ (ver. 8.3) TNC -- no need for a computer or other
> software. Just hook your radio to the TNC. The KPC3+ is currently the TNC
> of choice for APRS work. It has built in "smart digipeater" functions
> including extended alias options (for WIDE, TRACE, Your State Code, etc).
> It also can implement the various WIDEn-N protocols.

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4. [htaprs] re: APRS Digipeater

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 1 May 2001 11:14:00 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-10222-2001.05.01-10.32.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 1 May 2001, Walter Dunckel wrote:

> I own the TM-D700, so I guess that makes me a digipeater owner...
> I have used my TM-D700 as a digipeater, but found it a shame to tie up the
> radio that way.

Caution... I have yet to conclulsively prove this, but if you ever CHANGE your UIDIGI settings in the D700, it has seemd impossible to me, to get it to ever forget them.

Say you set UIDIGI to include WIDE for a special demo.

Afterwords you set UIDIGI back to just RELAY. But, guess what? Your D700 will continue to digiepat WIDE packets too! (at least mine did)... THe

only way I could ever kill it was to enter things like
RELAY,NONE,NEVER,XXXXX to overwrite the memory locations. SO, if you ever
change your UIDIGI setting from just RELAY, you might DOUBLE and TRIPLE
check what it does AFTER you reset it to just RELAY..

I admit, I only spent about 15 minutes trying to figure out what was going
on, so if any one wants to do an exhaustive, conclusinve test, please do
so and let us know.

Bob

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5. [htaprs] RE: APRS Digipeater

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Wed, 2 May 2001 09:53:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10391-2001.05.02-11.15.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Walter Dunckel <walter@radiohound.com> wrote:

>I found a great alternative that I haven't tried out yet. I found a website
>that offers free software to load to the eprom of a KPC 2 or compatible
that
>allows it to perform as a digipeater.
[snip]
>http://space.tin.it/computer/msavegna/uidigi.htm

That would be a TNC2 or it's clone, not a KPC-2. It works very well. It's
less expensive than buying a new TNC (rumor has it that TNC2 clones like the
MFJs line the aisles at hamfests), and it probably has the best digipeating
logic of any standalone solution. You'll need to be able to, or find someone
who can burn the EPROM for you.

A candidate for the next best in terms of price would be a KPC-3 (not plus)
at version 8.2. These are sometimes available at about $100 if you're a
patient shopper. Be careful about buying a KPC-3 at a much earlier firmware
revision because an 8.2 ROM upgrade costs $59.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Digipeating with the AEA PK232

From: "David Zobel" <dzobel1@rochester.rr.com>
Date: Wed, 2 May 2001 20:35:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10461-2001.05.02-19.52.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone had any experience using the AEA PK232 as an APRS digipeater.
I've been trying for quite sometime to get it working using WINAPRS. It
appears to be working as it copies everything but I have very little luck
getting my signal to be recognized consistently or to digipeat my THD7 (non
G version). Sometimes the PTT drops out (stutters) during a transmission
and other times its OK. Any setup or troubleshooting ideas would be most
appreciated.
Dave WB2UTQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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7. [htaprs] RE: Digipeating with the AEA PK232

From: "Bob Donnell" <kd7nm@pugetsound.net>
Date: Thu, 3 May 2001 13:15:01 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10652-2001.05.03-15.33.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave, and all

A standard PK-232 with adequate power supply, etc. should have no difficulty operating as a digipeater for APRS or any other packet mode. I'm not a WinAPRS expert, so no big insights there, other than I believe it just sets the PK-232 setting called MYALIAS, typically to RELAY. I used to be an AEA customer service staffer, during the hey-day of the PK-232. There are only a couple of reasons I can think of immediately that might cause a "stutter":

1) Power supply to the TNC and/or radio is insufficient, and voltage delivered to the radio when transmitting is dropping enough for the radio to not stay locked on and transmitting all the time. This can also be a sign of RF getting into the power supply and causing it to go out of regulation.
2) The radio to PK-232 wiring is exhibiting high resistance, so that the PTT line isn't being pulled to ground very well.

One simple way to test for this might be to change the radio from high power to low power, reducing the current consumption and also the strength of the radiated RF field. What version of PK-232 do you have, and what model of radio are you using? Is your antenna near your radio or power supply? Try changing the physical relationships between the different cables and see if that makes a difference.

If my ideas don't help, fill me in on more of your station details and I'll see if I can think of any other possibilities.

73, Bob

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of David Zobel
Sent: Wednesday, May 02, 2001 5:35 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Digipeating with the AEA PK232

Has anyone had any experience using the AEA PK232 as an APRS digipeater. I've been trying for quite sometime to get it working using WINAPRS. It appears to be working as it copies everything but I have very little luck getting my signal to be recognized consistently or to digipeat my THD7 (non G version). Sometimes the PTT drops out (stutters) during a transmission and other times its OK. Any setup or troubleshooting ideas would be most appreciated.
Dave WB2UTQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Way Off Course

From: "Allen M. Mytyk" <w8aii@arrl.net>
Date: Fri, 4 May 2001 6:28:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10770-2001.05.04-06.46.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning all...

I am trying to figure out why, when I look at www.findu.com, that I am so far off course. I travel the same route to and from work everyday. When I hear a "MY POSITION" beep from my D7, I make a mental note as to where I am in my route. When I get into work, I check this position via www.findu.com

and it shows me that I am about a mile to the West of where I actually am.
Yesterday it indicated that I was about 15 miles South of my position at
the time... Any ideas as to why this might be happening??? I am using a
Lowrance GlobalMap100. As far as I can tell, I have it configured properly.
It is communicating with the D7...

Thanks in advance...

Al/W8AII-7

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9. [htaprs] Re: Way Off Course

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Fri, 4 May 2001 10:14:10 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10820-2001.05.04-12.32.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting. Do you think it is a time-delay problem
or a distance-accuracy problem?

Tomorrow (Saturday May 5th) I will be riding 300k
(about 200 miles) with my tracker, from 6AM PST until
about 9PM (batteries and legs permitting). You can see
me at http://www.findu.com/cgi-bin/find.cgi?ve7vie-7.

This is an official Randonneur event meaning there are
control points at precise distances where my time of
arrival is recorded, and of course the GPS will log it
as well. Is there a way to compare this to FINDU? I
don't use PocketAPRS on these rides, let alone a web
browser so I can't tell myself..... So is there a way
to save a track log from Findu (or WinAPRS, etc.)?

73, VE7VIE/KD7IGX (-7)

--- "Allen M. Mytyk" <w8aii@arrl.net> wrote:
> Good morning all...
>
> I am trying to figure out why, when I look at
> www.findu.com, that I am so
> far off course. I travel the same route to and from
> work everyday. When I
> hear a "MY POSITION" beep from my D7, I make a
> mental note as to where I am
> in my route. When I get into work, I check this
> position via www.findu.com
> and it shows me that I am about a mile to the West
> of where I actually am.
> Yesterday it indicated that I was about 15 miles
> South of my position at
> the time... Any ideas as to why this might be
> happening??? I am using a
> Lowrance GlobalMap100. As far as I can tell, I have
> it configured properly.
> It is communicating with the D7...
>
> Thanks in advance...
>
> Al/W8AII-7
>
> ---
> You are currently subscribed to htaprs as:
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> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>

_____

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] RE: Way Off Course

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 4 May 2001 12:39:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10826-2001.05.04-12.57.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What datum is your GM100 set for? The wrong datum set can put you way
off the mark. APRS uses the WGS 84 datum. Also, APRS uses true north
for directions.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

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11. [htaprs] GLOBALMAP 100 fix...

From: Kenneth Cechura <kcechura@umr.edu>
Date: Fri, 4 May 2001 13:21:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10837-2001.05.04-13.39.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The most common problem with GM100's is that the data may be set for
DD:MM.MMM instead of DD:MM:SS like APRS is looking for.

73
Ken

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] RE: GLOBALMAP 100 fix...

From: Bill Diaz <billdiaz@megsinet.net>
Date: Fri, 4 May 2001 14:20:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10844-2001.05.04-14.39.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ken,
APRS expects the location to be DDMM.MM rather than DDMM.SS

Bill

On Friday, May 04, 2001 1:21 PM, Kenneth Cechura [SMTP:kcechura@umr.edu] wrote:
> The most common problem with GM100's is that the data may be set for
> DD:MM.MMM instead of DD:MM:SS like APRS is looking for.
>
> 73
> Ken

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13. [htaprs] Re: Way Off Course

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Fri, 4 May 2001 20:02:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10897-2001.05.04-20.21.41--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Barry,
WinAPRS does a nice job of saving a 'track', which I think is basically a
'file of packets received' for the particular call sign. I just pop up the
station, and then do file/save. I can reload them again later for study.

> browser so I can't tell myself..... So is there a way
> to save a track log from Findu (or WinAPRS, etc.)?

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14. [htaprs] Re: Way Off Course

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 4 May 2001 18:18:49 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10898-2001.05.04-20.36.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, in WinAPRS you need to set your WinAPRS logging under the Logging pull
down menu.

Unfortunately that will log all stations from the time you turn it on until
the time you shut it off. Your file will be saved in the Logs folder in
your WinAPRS root directory.

To play it back, go to the File pull down menu and select Simulate. It will
then ask you for the file, you will need to select it.

Like I said, this will replay all the stations heard. If that is annoying
to you, you can edit that file by opening it with Word Pad since it is a
simple text file. Then delete all station except the ones you want to play
back. Then resave the file and play it back under simulate.

You can also use the site below to play back your track. This one does not
always show the correct track but it is worth a shot. Not sure how it
computes the saved track but I have found some of mine showing a track which
is quite different from the way I went. To use this feature go to:
http://www.wulfden.org/APRSQuery.shtml

Just fill in your call sign under View Track for call.

Enjoy your ride,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
. So is there a way
> to save a track log from Findu (or WinAPRS, etc.)?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] RE: WinAPRS Logging just one station

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 4 May 2001 20:51:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10969-2001.05.04-23.08.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I always wanted to just log a few stations not all of them and here is a way
to just log one particular station even if you did not have logging turned
on for the whole day. If you double click on a station of your choice it
will open up the log information for that particular station. I was
familiar with this part. Then while this information is still open, and you
go to the File pull down menu and then select Save, you will capture this
stations data since your computer was on. It will save it in your Logs
folder in your WinAPRS root directory.

To play it back, go to the File pull down menu and select Simulate. It will
then ask you for the file, you will need to select this file which is listed
under that stations call sign.

Now if someone can tell me how to only record/save the data for a group of
selected stations (flagged stations) so that I can record only those
stations that are participating in a particular SAR event or Public Service
Event, I sure would appreciate it. As far as I know this is not possible,
you can either record the data for one particular station as explained above
or you can capture and record all the stations via the Logging pull down
menu, but you can not record just a few selected stations.

Yes, I know I could cut and paste the data from a bunch of separate text
files into one composite text file but then I do not believe I would have it
play back in real time with the activity of all the stations as it happened.
I believe it would play it back one track after the other. I have not tried
that though. I have also done the tedious task of opening the text file and
deleting line by line the stations I did not want to play back, but let me
tell you, this is a very tiring and tedious task.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>
> Barry,
> WinAPRS does a nice job of saving a 'track', which I think is basically a
> 'file of packets received' for the particular call sign. I just
> pop up the
> station, and then do file/save. I can reload them again later for study.
>
> > browser so I can't tell myself..... So is there a way
> > to save a track log from Findu (or WinAPRS, etc.)?

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16. [htaprs] Re: Way Off Course

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Fri, 4 May 2001 23:37:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10976-2001.05.04-23.59.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Herb is right, I have to have station logging on. But perhaps I do
something a little different.

Let's use Herb as an example:

I go and select a station on the map, such as KB7UVC-9 (single-left-mouse
click) so that it shows up on the line at the bottom.

Next I go and click on Display menu and chose both Auto Scroll and Auto
Refresh on the map. Now that map has his call added to the title bar and
that map window will track Herb. (I think I only need Auto Scroll, but Auto
Refresh keeps Herb centered on my map...)

I open additional maps and may track others as well. (I've done about a
dozen or so at once!)

To save Herb's track to a file, I go to the Station List and double-click on
his call sign in the list to open his station's window. With Herb's station
window 'active' (having focus in windows-speak), I hit file/save and it
makes a file using his call sign and it only has his data. I don't edit
anything...

To replay Herb's stored track file(s), I do file/simulate, change file type
to .txt, load KB7UVC.Txt and away it runs showing that track in all it's
glory.

It seems to work great! Of course, I'm probably doing something wrong and
it will be fixed in the next release (big grin).

I've used WinAPRS on the road with my laptop and tracked vehicles moving all around Texas (over 400 mi away from where I was driving at) with great success.

I hope to email some tracks to their 'owners' kinda like a QSL card.

Herb wrote:
> Yes, in WinAPRS you need to set your WinAPRS logging under the Logging pull
> down menu.
>
> Unfortunately that will log all stations from the time you turn it on until
> the time you shut it off. Your file will be saved in the Logs folder in
> your WinAPRS root directory.
>
> To play it back, go to the File pull down menu and select Simulate. It will
> then ask you for the file, you will need to select it.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: WinAPRS Logging just one station

From: "Craig Brunson" <Brunson1@gte.net>
Date: Fri, 4 May 2001 22:14:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-10997-2001.05.05-00.32.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have in the past, did as you say, log single stations as txt files. You can take multiple files and cut & paste them into a single file in word. Then convert the text to a table, using the comma as the delimiter. You may have to 'massage' the data if they are not all the same format or NEMA string.

Sort using the time stamp column, so the data is in time order. Convert the table back to text, using a comma as the delimiter again. Save the data as a text file.

You should be able to play back an event with multiple station tracks, as the time line changes. This is a cumbersome method, but it does work in a pinch.

Craig, N7TSZ

----- Original Message -----
From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
To: "nwaprssig" <nwaprssig@nwaprs.org>
Subject: RE: WinAPRS Logging just one station

> Now if someone can tell me how to only record/save the data for a group of
> selected stations (flagged stations) so that I can record only those
> stations that are participating in a particular SAR event or Public Service
> Event, I sure would appreciate it. As far as I know this is not possible,
> you can either record the data for one particular station as explained above
> or you can capture and record all the stations via the Logging pull down
> menu, but you can not record just a few selected stations.
>
> Yes, I know I could cut and paste the data from a bunch of separate text
> files into one composite text file but then I do not believe I would have it
> play back in real time with the activity of all the stations as it happened.
> I believe it would play it back one track after the other. I have not tried
> that though. I have also done the tedious task of opening the text file and
> deleting line by line the stations I did not want to play back, but let me
> tell you, this is a very tiring and tedious task.

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18. [htaprs] Logging just one station (wouldn't grep be easier)

From: James Jefferson <jjeffers@deskmedia.com>
Date: Sat, 05 May 2001 14:50:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11108-2001.05.05-15.04.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have in the past, did as you say, log single stations as txt files. You
>can take multiple files and cut & paste them into a single file in word.

why not just use:
grep -y callsign > output.txt

Windows people are so silly! (yes, you should be able to find a command
line version of grep pretty easily)

-James Jefferson KB0THN

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19. [htaprs] Re: Logging just one station (wouldn't grep be easier)

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Sun, 06 May 2001 08:16:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-11292-2001.05.06-08.34.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>why not just use:
>grep -y callsign > output.txt
>
>Windows people are so silly! (yes, you should be able to find a command
>line version of grep pretty easily)

Awww, a BSD person :-)

You might need to use

grep -i callsign > output.txt

for non-BSD flavored greps...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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20. [htaprs] how to use grep

From: James Jefferson <jjeffers@deskmedia.com>
Date: Sun, 06 May 2001 08:34:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-11297-2001.05.06-08.48.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I am not sure I know what you are trying to tell me. Please be more
>explicit with your answer.

There is a utility for find lines of information called grep.

So if I have a capture file like this called everything.log:
AHUBWEST>APRS,TCPIP*:!3240.50N/11420.32WI KB7ZVA/AHub 1.0.6.5, 1 users,
2199 bps,1615 Pkts

K5HAB-7>S3RTVP,K5ELP*,WIDE5-3:`p9mlRTO/>HOT AIR BALLOON
K5HAB-7>APK,APS:@061254z3324.60N/10429.81WO056/006/TH-D7/M2/IN SERVICE>HOT
AIR BALLOON
N7GME-12>T7RXRP,N7GME*,WIDE3-1:`2@`l#Xj/
N5WWY>APM350,W5UK-10*,WIDE,WIDE:=3002.23N/09013.91WMPHG5158/MacAPRS 3.5.0
Scott In Kenner, La. -LAJEFKENNER -350-<196>
AD4TZ-5>APRSW,WIDE*:!3326.78NN07927.65W#PHG6440 WIDEn-n in Andrews, SC FM03GK
N1NFC-9>APRS,TCPIP*,KG4DUC-5*:@061405z3047.55N/08134.16Wj085/000/Mic-E/M2/In
  Service>.l qj/]"4/}
D8EJC-10>APRS,KA8ZNY-4,WIDE*:=4046.20N/08409.60W#PHG746.5/ WD8EJC-10 Lima,
Oh. WIDE DIGI
KM6AW-12>APRS,TCPIP*::USERLIST :San_DiegoCA: Disconnected from HR2KOS-3.
WN0X-3>ID,W0SMI-3*,WIDE,WIDE,WIDE:WN0X-3/R RELAY/D WN0X-1/B
WB4IUY>APR810,N4BAM-3,WIDE6*:>131337z wb4iuy@wb4iuy.#rtp.nc.usa.noam

but I was only interested in K5HAB, then I could grep it for K5HAB and it
would spit out to the screen:
K5HAB-7>S3RTVP,K5ELP*,WIDE5-3:`p9mlRTO/>HOT AIR BALLOON
K5HAB-7>APK,APS:@061254z3324.60N/10429.81WO056/006/TH-D7/M2/IN SERVICE>HOT
AIR BALLOON

and if I wanted it to spit it out to another file I could do:
grep K5HAB everything.log >> interesting.log

So if you were interested in saving WN0X, and K5HAB then you would issue
two greps:
grep K5HAB everything.log >> interesting.log
grep WN0X everything.log >> interesting.log

Because of the >> (greater-than greater-than) it appends it onto
interesting.log, if you had used a single > it would create a new file or
overwrite an existing one.

So where do you find a dos version of grep?
http://home.netcarrier.com/~lesher/program.shtml seems okay

Good luck in your pursuits,

-James Jefferson KB0THN

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21. [htaprs] Way Off Course

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Mon, 7 May 2001 13:44:59 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11478-2001.05.07-15.06.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Allen M. Mytyk" <w8aii@arrl.net> wrote:

        >and it shows me that I am about a mile to the West of where I
actually am.
        >Yesterday it indicated that I was about 15 miles South of my
position at
        >the time...

        And he received the reply:

        >The most common problem with GM100's is that the data may be set
for
        >DD:MM.MMM instead of DD:MM:SS like APRS is looking for.

        It would need to be a different mechanism for an error that large.
As a rough approximation, think of a minute of arc at the Earth's surface as
being somewhat close to a mile. An position error of 15 miles implies an
angular error on the order of 15 minutes, not generally possible with a
dd.mm.mm vs. dd.mm.ss (Santa Claus's home turf excepted).

        73,
        Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] Re: Way Off Course

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Mon, 7 May 2001 13:50:04 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11483-2001.05.07-16.08.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My GPS was off 10-20 kms yesterday while doing a 300km
bike ride. I used the same procedure to load it for
the 200k route a few weeks ago:

1.Determine the coordinates using MS Streets and
Trips.
2.MANUALLY enter these in an Excel spreadsheet.
3.Import the spreadsheet (as a CSV) into Topo!USA
4.Download the waypoints to the eTrex from Topo.

What could account for such an error, consistent over
about 25 waypoints? Some datum conversion in Topo?

73, VE7VIE/KD7IGX

--- Tony Arnerich <TArnerich@IN-SITU.COM> wrote:
> "Allen M. Mytyk" <w8aii@arrl.net> wrote:
>
> >and it shows me that I am about a mile to the West
> of where I
> actually am.
> >Yesterday it indicated that I was about 15 miles
> South of my
> position at
> >the time...
>
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> for
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> at the Earth's surface as
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> 15 miles implies an
> angular error on the order of 15 minutes, not
> generally possible with a
> dd.mm.mm vs. dd.mm.ss (Santa Claus's home turf
> excepted).
>
> 73,
> Tony KD7TA
>
>
>
> ---
> You are currently subscribed to htaprs as:
> ve7vie@rac.ca
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

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23. [htaprs] Re: Way Off Course

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Mon, 7 May 2001 16:01:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11487-2001.05.07-16.19.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's possible. TopoUSA 3.0 has multiple datum capability. Make sure
that it is set for WGS 84 and the Etrex was is set for WGS 84.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Barry Bogart [mailto:barry_bogart@yahoo.com]
> Subject: [htaprs] Re: Way Off Course
>
>
> My GPS was off 10-20 kms yesterday while doing a 300km
> bike ride. I used the same procedure to load it for

> What could account for such an error, consistent over
> about 25 waypoints? Some datum conversion in Topo?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] RE: Way Off Course

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Mon, 7 May 2001 15:31:12 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11489-2001.05.07-16.53.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Barry Bogart [SMTP:barry_bogart@yahoo.com] wrote:

>My GPS was off 10-20 kms yesterday while doing a 300km
>bike ride.
...
>What could account for such an error, consistent over
>about 25 waypoints? Some datum conversion in Topo?

>1.Determine the coordinates using MS Streets and Trips.

That's one possibility.

>2.MANUALLY enter these in an Excel spreadsheet.

Good possibility there too, but that would tend towards randomness
in direction and magnitude unless you consistently made a particular digit
substitution.

>3.Import the spreadsheet (as a CSV) into Topo!USA

Probably OK.

>4.Download the waypoints to the eTrex from Topo.

Hopefully OK. I don't use Topo so I can't comment on any bugs it
might have.

You'll need to verify each step, one at a time.

Consider these scenarios:

- a datum error will be consistent from second to second, minute to
minute, day to day, etc.
- if the error is random in magnitude but is expressed only in the
cardinal directions you should suspect transcription errors.
- if the error is consistent for minutes at a time but in a
different direction an hour or a day later, suspect bad satellite geometry.

- if the error is inconsistent in direction, suspect a variably obstructed sky.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] RE: Way Off Course

From: BMcLarty@trustmark.com
Date: Mon, 7 May 2001 17:00:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11490-2001.05.07-17.24.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am a new user of Topo and I don't have it on the office computer to refer to...

I know you can insert (click) waypoints and vias on the map. I think it is the Navigate feature. I inserted a start and finish (same spot) on a bike race course and placed vias to make sure the program didn't take any short-cuts. Having done that, I assume the information you need to download to the eTrex is there. You have skipped steps one and two, with all the transcription error possibilities.

Tony Arnerich <TArnerich@IN-SITU.COM>@lists.tapr.org on 05/07/2001 04:31:12 PM

Sent by: bounce-htaprs-22048@lists.tapr.org

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
cc:
Subject: [htaprs] RE: Way Off Course

> Barry Bogart [SMTP:barry_bogart@yahoo.com] wrote:
>
> >My GPS was off 10-20 kms yesterday while doing a 300km
> >bike ride.
> ...
> >What could account for such an error, consistent over
> >about 25 waypoints? Some datum conversion in Topo?
>
> >1.Determine the coordinates using MS Streets and Trips.
>
> That's one possibility.
>
> >2.MANUALLY enter these in an Excel spreadsheet.
>
> Good possibility there too, but that would tend towards randomness in direction and magnitude unless you consistently made a particular digit substitution.
>
> >3.Import the spreadsheet (as a CSV) into Topo!USA
>
> Probably OK.
>
> >4.Download the waypoints to the eTrex from Topo.
>
> Hopefully OK. I don't use Topo so I can't comment on any bugs it might have.
>
> You'll need to verify each step, one at a time.
>
> Consider these scenarios:

- a datum error will be consistent from second to second, minute to minute, day to day, etc.
- if the error is random in magnitude but is expressed only in the cardinal directions you should suspect transcription errors.
- if the error is consistent for minutes at a time but in a different direction an hour or a day later, suspect bad satellite geometry.
- if the error is inconsistent in direction, suspect a variably obstructed sky.

73,
Tony KD7TA

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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Davis Weather Station

From: "Bob Woodson" <woods@pipeline.com>
Date: Mon, 7 May 2001 19:42:07 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11506-2001.05.07-19.02.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Running WinAPRS 2.4.6 using Kenwood D7. Have connected and downloaded Davis Weatherlink data logger to PC and appears to be working fine. Using two separate serial ports for the Kenwood D7 and Davis Weatherlink. I am, however, unable to transmit weather information via WinAPRS. Have indicated Davis on the Weather Settings for WinAPRS ;however are there any other settings I need to make to Davis or WinAPRS to transmit weather? Receive error message on Win APRS indicating weather information too old (check cables)
73
Bob WX4MMM

27. [htaprs] New APRS Forum at Dayton

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Wed, 9 May 2001 06:59:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11805-2001.05.09-07.17.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It's official... APRS has its own forum at the Dayton Hamvention. With less than two weeks to go, the Hamvention forum folks found an open slot in their scheduke and let us have it. The APRS Forum will be held on Sunday, 9:45-11:15 AM, Room 2. As soon as I have the slate of speakers completed, I will post that information here.

Stan Horzepa, WA1LOU, APRS Forum moderator

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Dayton APRS Doings

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Wed, 09 May 2001 19:44:01 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-11896-2001.05.09-19.03.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just finished updating 2001: Dayton APRS Odyssey Web page (http://www.tapr.org/~wa1lou/2001/2001.html). Among other things, the update includes full details about the new APRS Forum.

Stan, WA1LOU

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] PACK*BASH Reminder

From: John Ackermann N8UR <jra@febo.com>
Date: Wed, 16 May 2001 14:37:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13115-2001.05.16-13.56.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a reminder that there will be a PACK*BASH at this year's Hamvention.
The full blurb is below; the short story is that tickets will be available
at the TAPR booth on Friday up until about 2:30PM. There should be room
for everyone who wants to attend.

The speaker will be Steve Bible, N7HPR, talking about "What (and Why) You
Need to Know About Software Defined Radios".

Note that the location is changed from previous years; a map is available
at http://www.tapr.org/tapr/html/dayton.maps.html

Yes, there will be a PACK*BASH this year! Things were a bit uncertain for

a while as we just learned that our traditional site would not be
available
this year. But we've found a very good alternative, and we
invite you to
attend the 2001 PACK*BASH.

If you'd like to attend, please
contact the TAPR office as described below.

What?
        An event
for the digitally-inclined ham, featuring:
        * Buffet dinner

* Keynote Address: Steve Bible, N7HPR on "What (and Why) You Need to Know
About
            Software Defined Radios
        * TAPR special interest group
meetings
        * "Birds of a Feather" gatherings

When?
        Friday
evening, May 18, 2001
        Doors open at 7:00 pm; dinner served at 7:30
pm
        Speaker and meetings after dinner

Where?
        *** NEW LOCATION ***

        The NCR "Sugarcamp" facility that we've used in the past is no longer

        available. Instead, we'll be at Kohler's Banquet Center, 4548

        Presidential Way, Kettering (39 40.75N, 84 08.43W), just south of
        East
David Road between Far Hills Ave. and Wilmington Pike.
        Maps available on
the TAPR web site (www.tapr.org) or at the
        TAPR booth.

How?

Dinner requires advance registration and payment through TAPR.
        Tickets
will be available at the TAPR booth on Friday, though

```
        we strongly
encourage registration <before> Hamvention.  The cost
        is $25.00 per
person, tax and tip included.

        All amateurs are welcome to attend,
enjoy the speaker, and
        particpate in the meetings, although only
those purchasing a dinner
        can eat.

        To register, contact:

        PACK*BASH
        c/o TAPR
        8987-309 E. Tanque Verde Road #337

Tucson, AZ   85749-9399

        Phone: (940) 383-0000
        Fax: (940)
566-2544
        Internet: tapr@tapr.org

        Visa/Mastercard Accepted


Who?
        PACK*BASH is co-sponsored by TAPR -- Tucson Amateur Packet
Radio,
        the national leader in digital communication -- and the
Miami
        Valley FM Association, Dayton's packet radio club.

For more
information (including maps), go to

http://www.tapr.org/tapr/html/dayton.html, or send email to tapr@tapr.org.




---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

30. [htaprs] kenwood th-d700 upgradeable?

```
From: "Mcardle, Bruce G" <bruce.g.mcardle@intel.com>
Date: Thu, 17 May 2001 13:53:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13312-2001.05.17-16.12.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
Hi,
Does anyone know if this radio can be software upgradeable?  It seems that
with flash memory becoming found in everything and computer interfaces
(especially in the th-d700) it should be easy for Kenwood to provide new
features/bug fixes.

Specifically, I may want the speaker menu 1-2-3 to have more than two
choices (mode1 mode2): perhaps a mode that allows both internal and external
speakers on.  Or maybe instead of the text "MODE1", have it say "EXTRN".

Maybe upgrade the radio features as APRS matures.

I'd buy a "developer kit" that would allow me to change some of the
features/menus.

Bruce McArdle KB1CIC



---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

31. [htaprs] D700 beacon rate

From: Chris McKendry <n5cwm@yahoo.com>
Date: Fri, 18 May 2001 12:42:33 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13442-2001.05.18-15.01.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently replaced my mobile APRS setup (Kenwood
TM742
and KPC3+) with a TM-D700. With that setup I had the
LT buffer programmed to reduce the BLT to once every
45 minutes when the GPS was turned off (ie, parked) so
as to reduce the clutter on the frequency. This was
done by programming the TNC BLT 2 and also GPSHEAD 2
$GPGGA (position, altitude and time but not speed or
date). That setup would allow the radio and TNC to be
on all the time, sending out data once every 2 minutes
or so when the GPS was on, and once every 45 minutes
with the GPS off (stationary). With the D700 I have
to
reset the beacon rate to once every 30 minutes or turn
off the D700.
Has anyone found a way to do this with the D700? If
there is an easy way I have not found it. I may try to
connect to the D700 with my laptop and change the TNC
settings myself to get the result but figured I'd ask
here to see if there is a way to do it via the radio
control head.
 I'm using a Garmin GPS-III.

Thanks!

-Chris

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] RE: D700 beacon rate

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Fri, 18 May 2001 16:51:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-13446-2001.05.18-16.10.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Chris McKendry
> Sent: Friday, May 18, 2001 15:43 PM

> I recently replaced my mobile APRS setup (Kenwood

   [snip]

> with the GPS off (stationary). With the D700 I have
> to reset the beacon rate to once every 30 minutes or turn
> off the D700. Has anyone found a way to do this with
> the D700? If there is an easy way I have not found it.

   The easy way to do it is to set everything up the way you want it
with the 2 minute beacon rate and the status message of "EnRoute" or
"InService" and save it as program Memory #1. then chnage the beacon
rate and to 30 minutes and Status message to "Off duty" or something and
save it in program Memory #2 ... On my D700 my #1 is my wife W1SLR-8, on
the move, #2 is her parked, #3 is me, N1BQ-8 parked, #4 N1BQ-8
digipeater active, #5 N1BQ-8 on the move.

Changing status is a matter of hitting the PM button and a number, two
pushes, it takes a second and becomes second nature in 24 hours!

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] The death of the SIG has been greatly exagerated

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Sat, 26 May 2001 15:34:43 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14898-2001.05.26-14.54.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've received a few messages this week wondering if this SIG was down and
out. I think not. There just has not been much traffic here lately.

Stan, WA1LOU, HTAPRS SIG administrator

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Newbie question

From: MEWintle@aol.com
Date: Sat, 26 May 2001 23:17:42 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14943-2001.05.26-22.36.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 5/26/01 3:37:31 PM Eastern Daylight Time,
stanzepa@mail2.nai.net writes:

> I've received a few messages this week wondering if this SIG was down and
> out. I think not. There just has not been much traffic here lately.

Good to know.

I'm new to the list, and actually new to Ham. I'm 36 years old and live in NJ
(USA).

I bought a Kenwood D7A(G) HT earlier this month specifically to use on my
motorcycle, especially as motorcycle escort for the New York -> Boston
AIDSRide. There are three of us Hams out of 20 motos.

This week I installed an antenna through the roof of my minivan and the
improvement in reception is terrific. APRS works fantastic in well populated
and affluent Morris County. However as soon as I leave the area the frequency
gets very quiet.

Today I took a little road trip to New Haven, 100 miles northeast. I set up
my motorcycle with the HT in the tankbag, connected to power and to my Garmin
GPS III+. I bought a Comet brand antenna for better gain, and it really does
help. However I found I was only able to send a position right near my house.
Once I got 20 miles away, I couldn't find anyone close enough to transmit to.
In fact there was barely anyone to even listen to on the APRS frequency. I
got one hit in the Bronx, then another in Bridgeport, then two in New Haven.
Other than that, silence.

I'm amazed that I didn't hear any other traffic along the way from other
mobiles or bases, especially in such a populous area. APRS is so popular near
my house that I can use the HT indoors and transmit fine. I guess I'm just
lucky.

Am I doing something wrong? Any advice for better performance on the road?

Mark Wintle, W2MEW
Morristown, NJ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] re: newbie

From: Chris McKendry <n5cwm@yahoo.com>
Date: Sat, 26 May 2001 21:37:52 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-14957-2001.05.26-23.56.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Two words: Ground Plane! You have a lot of
experimenting
to do. I have never mounted a transceiver on my
motorcycle so I cannot help with personal exp.,
maybe some of the other hams in your group that are
using their motorcycles can give you some tips.

Good luck!

-Chris N5CWM
=3023.25N/09538.80W
Lake Conroe, TX APRS weather station;
N5CWM-14 mobile APRS with TM-D700

_____
Do You Yahoo!?
Yahoo! Auctions - buy the things you want at great prices
http://auctions.yahoo.com/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: Newbie question

From: MEWintle@aol.com
Date: Sun, 27 May 2001 11:44:46 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15054-2001.05.27-11.04.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the feedback (the good kind, not the bad kind -- "howwwwwllllll").
My comments below.

In a message dated 5/27/01 1:16:03 AM Eastern Daylight Time,
n9zks@earthlink.net writes:

> I had similar experiences between Central Illinois and Massachusetts and
> down to New Orleans.
Yet I see people using it pretty effectively on the road. I have a friend who
is taking a three-month motorcycle trip now. He seems to be doing pretty well
with APRS using the D7. You can see pictures of his installation, travel log
and findu.com info here:

http://www.geocities.com/~diputs
<A HREF="http://www.geocities.com/~diputs">http://www.geocities.com/~diputs
</A>

In a message dated 5/27/01 12:40:31 AM Eastern Daylight Time, n5cwm@yahoo.com
writes:

> Two words: Ground Plane!
Yeah, I know. That's why I bought a minivan last week just for the nice
groundplane on top and installed the drillthrough (NMO) mount for the Larson
antenna. But you don't have a lot of groundplane options on a motorcycle. On
the MARC (Motorcycling Amateur Radio Club) discussion list they are
experimenting with using a windshield mounted dipole and through-the-glass.

http://groups.yahoo.com/group/BA-MARC
<A HREF="http://groups.yahoo.com/group/BA-MARC">
http://groups.yahoo.com/group/BA-MARC</A>

Mark Wintle
Morristown, NJ
W2MEW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: Newbie question

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 27 May 2001 11:58:54 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15055-2001.05.27-11.17.54--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

APRS is like "cellular" Once you are more than a few miles from a
digipeater, you are on your own... And like cellular, digis only get put
up where the people are. Thus the continuing need for more an more digis
out on the open roads...

bob
 :-(

On Sat, 26 May 2001 MEWintle@aol.com wrote:

> In a message dated 5/26/01 3:37:31 PM Eastern Daylight Time,
> stanzepa@mail2.nai.net writes:
>
> > I've received a few messages this week wondering if this SIG was down and
> > out. I think not. There just has not been much traffic here lately.
>
> Good to know.
>
> I'm new to the list, and actually new to Ham. I'm 36 years old and live in NJ
> (USA).
>
> I bought a Kenwood D7A(G) HT earlier this month specifically to use on my
> motorcycle, especially as motorcycle escort for the New York -> Boston
> AIDSRide. There are three of us Hams out of 20 motos.
>
> This week I installed an antenna through the roof of my minivan and the
> improvement in reception is terrific. APRS works fantastic in well populated
> and affluent Morris County. However as soon as I leave the area the frequency
> gets very quiet.
>
> Today I took a little road trip to New Haven, 100 miles northeast. I set up
> my motorcycle with the HT in the tankbag, connected to power and to my Garmin
> GPS III+. I bought a Comet brand antenna for better gain, and it really does
> help. However I found I was only able to send a position right near my house.
> Once I got 20 miles away, I couldn't find anyone close enough to transmit to.
> In fact there was barely anyone to even listen to on the APRS frequency. I
> got one hit in the Bronx, then another in Bridgeport, then two in New Haven.
> Other than that, silence.
>
> I'm amazed that I didn't hear any other traffic along the way from other
> mobiles or bases, especially in such a populous area. APRS is so popular near
> my house that I can use the HT indoors and transmit fine. I guess I'm just
> lucky.
>
> Am I doing something wrong? Any advice for better performance on the road?
>
> Mark Wintle, W2MEW
> Morristown, NJ
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://web.usna.navy.mil/~bruninga/iss-faq.html
PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages   http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: Newbie question

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Sun, 27 May 2001 18:01:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-15096-2001.05.27-18.20.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Two words: Ground Plane!
>Yeah, I know. That's why I bought a minivan last week just for the nice
>groundplane on top and installed the drillthrough (NMO) mount for the Larson
>antenna.

Remember that a 1/2 wave length antenna does not need a ground plane to be
more effective. Also, a j-Pole requires no ground plane and delivers 6db
gain...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: Newbie question

From: "Richard Amirault" <ramirault@erols.com>
Date: Sun, 27 May 2001 19:13:21 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15098-2001.05.27-18.35.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

More effective than what? A 1/2 wave antenna *with* an effective ground
plane is more effective than a 1/2 wave antenna without one.

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----
From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Subject: [htaprs] Re: Newbie question
>
> Remember that a 1/2 wave length antenna does not need a ground plane to be
> more effective.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: Newbie question

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 27 May 2001 20:23:38 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15101-2001.05.27-19.42.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 27 May 2001, Gregg G. Wonderly wrote:

> Remember that a 1/2 wave length antenna does not need a ground plane to be
> more effective. Also, a j-Pole requires no ground plane and delivers 6db
> gain...

This caught my eye. How? Its a vertical Dipole. Thus a gain of 0 dBd...
or slightly over 2 dBi? Or am I missing something?

Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] NMEA data in on new Street Pilot III

From: Phillip Clark <pbclark1@attglobal.net>
Date: Sun, 27 May 2001 17:23:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15102-2001.05.27-19.44.23--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I just noticed that the latest firmware available on the Garmin web site
for the Street Pilot III has added "NMEA Data In" when you select NMEA
interface. I was disappointed that it did not have this when I bought
the SP III since there was one place in the manual that inferred that it
did. Anyway, I tried it with my TH-D7, and it puts the APRS station
call signs on the SP III map screen and waypoint list. It works a lot
better than the GPS III Plus in that the screen re-draw is almost
un-noticeable.

Phil   KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: Newbie question

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 27 May 2001 20:25:21 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15103-2001.05.27-19.44.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 27 May 2001, Richard Amirault wrote:

> More effective than what? A 1/2 wave antenna *with* an effective ground
> plane is more effective than a 1/2 wave antenna without one.

Yes, but where? The more "effectiveness" of it is not on the horizon
where most people want it... in fact, the ground plane reduces its
effectiveness on the horizon... or maybe I missed something... bob

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: Newbie question

From: Skip Allison <sallison@megsinet.net>
Date: Sun, 27 May 2001 22:00:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15130-2001.05.27-22.22.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe 6 dB over a duck on a portable? That sounds about right.

Skip
K9SA

Bob Bruninga wrote:
>
> On Sun, 27 May 2001, Gregg G. Wonderly wrote:
>
> > Remember that a 1/2 wave length antenna does not need a ground plane to be
> > more effective. Also, a j-Pole requires no ground plane and delivers 6db
> > gain...

> This caught my eye. How? Its a vertical Dipole. Thus a gain of 0 dBd...
> or slightly over 2 dBi? Or am I missing something?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: NMEA data in on new Street Pilot III

From: "Gary Bargholz" <N9UUR@wi.rr.com>
Date: Sun, 27 May 2001 22:15:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15131-2001.05.27-22.34.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Phil

Is this the COLOR street pilot???
Has Garmin broken their ROM space problem?
Do you actually have APRS stations plotting on a Color Pilot?

Been waiting for this for years!
Gary

> I just noticed that the latest firmware available on the Garmin web site
> for the Street Pilot III has added "NMEA Data In" when you select NMEA
> interface. I was disappointed that it did not have this when I bought
> the SP III since there was one place in the manual that inferred that it
> did. Anyway, I tried it with my TH-D7, and it puts the APRS station
> call signs on the SP III map screen and waypoint list. It works a lot
> better than the GPS III Plus in that the screen re-draw is almost
> un-noticeable.
>
> Phil   KD6SP
>
>
> ---
> You are currently subscribed to htaprs as: N9UUR@wi.rr.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

_____

Gary Bargholz
http://home.wi.rr.com/n9uur/
AMSAT Area 9 Coordinator, Wisconsin
Chairman: W.A.R. The WI Association of Repeaters
Treasurer: M.R.C. The Milwaukee Repeater Club 146.910MHz PL 127.3
Owner: N9UUR Repeater Milwaukee 442.425 MHz PL 127.3
                N9UUR-10 Milwaukee APRServe IGate (N9UUR.IMC.MU.EDU:23)
_____

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45. [htaprs] How Do I Send an Email Message with a D7AG?

From: "Bryan R Beyer" <brbeyer@bellatlantic.net>
Date: Mon, 28 May 2001 11:6:30
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15202-2001.05.28-11.25.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to send a short email message with the D7AG. Would someone
please give me a primer on how to compose and send? I can get into a
digipeater with IGate capability.

Thank you in advance to all those who reply.

73,
Bryan
K3OL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: How Do I Send an Email Message with a D7AG?

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Mon, 28 May 2001 10:34:11 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15238-2001.05.28-12.53.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Send the message to EMAIL and the one line message as
k3ol@something.net TEST, TEST...K

Notice the space between the address and the text.   Make sure your path is

long enough to get to an Igate.

Bryan R Beyer wrote:

> I would like to send a short email message with the D7AG. Would someone
> please give me a primer on how to compose and send? I can get into a
> digipeater with IGate capability.
>
> Thank you in advance to all those who reply.
>
> 73,
> Bryan
> K3OL
>
>

--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N 11940.50W   144.39Mhz
       Selma Ca.   {APRS Weather & GPS Tracker}
 SKYWARN member Hanford Ca. NWS Radio Officer
              DOSAPRS/WAPRS/APRS+SA
  Want to find my truck? http://www.findu.com/cgi-bin/find.cgi?kf6hjo-9

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: Newbie question

From: Matt Meola <af0d@qsl.net>
Date: Mon, 28 May 2001 16:15:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15278-2001.05.28-17.35.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, May 27, 2001 at 08:23:38PM -0400, Bob Bruninga wrote:
> On Sun, 27 May 2001, Gregg G. Wonderly wrote:
>
> > Remember that a 1/2 wave length antenna does not need a ground plane to be
> > more effective. Also, a j-Pole requires no ground plane and delivers 6db
> > gain...
>
> This caught my eye. How? Its a vertical Dipole. Thus a gain of 0 dBd...
> or slightly over 2 dBi? Or am I missing something?

A J-pole models at about 3Dbi. It has a very slight squeezing of the lobe
in the direction of the quarter-wave stub.

--
Matt Meola   AFØD
af0d@qsl.net   ARES CO D. 6 AEC   http://www.qsl.net/af0d

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48. [htaprs] Re: NMEA data in on new Street Pilot III

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 29 May 2001 13:30:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15450-2001.05.29-15.52.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gary Bargholz wrote:

> Hi Phil
>
> Is this the COLOR street pilot???
> Has Garmin broken their ROM space problem?
> Do you actually have APRS stations plotting on a Color Pilot?
>
> Been waiting for this for years!
> Gary

>

Yes,

Evidently,

Yes

Phil KD6SP

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49. [htaprs] Re: Newbie question

From: "Michael Lawrence" <mrorng0149@mindspring.com>
Date: Tue, 29 May 2001 20:41:51
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15503-2001.05.29-21.00.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I also just picked up a d7 and I am having a similar problem....I can
receive aprs data without too much trouble but I cannot seem to hit the
local digi unless I am right on top of it(within a mile or so. Im not sure
if I am doing something wrong or what. Thanks for any help
Mike

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50. [htaprs] TH-D7A(G) noises?

From: Phil Reed <preed@dnaco.net>
Date: Tue, 29 May 2001 22:07:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15505-2001.05.29-21.28.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does anybody have a list of what all the beeps mean? I think I've figured
out most of them from context, but there are a few that baffle me. In
particular, I'd like to confirm the "Received my own position" tone, and
there's this little four-note melodic burst that I'm unclear on.

Any ideas?

                                  ...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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51. [htaprs] Re: Newbie question

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 29 May 2001 22:30:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15530-2001.05.29-22.49.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I also just picked up a d7 and I am having a similar problem....I can
>receive aprs data without too much trouble but I cannot seem to hit the
>local digi unless I am right on top of it(within a mile or so. Im not sure
>if I am doing something wrong or what. Thanks for any help

I have used my D7A as my only radio for the past year. I use it as my mobile,
my home station and obviously as a portable. Having the right antenna is the
majority of most problems I've encountered with range. With 5 watts, I can
typically transmit to most of what I can hear reasonably.

The basic rubber duck that comes with the radio is a horrible antenna. If I try to use it inside of any vehicle or structure, my range is greatly hampered. I use an SMA to BNC adapter so that I can quickly and easily connect the radio to the mobile antenna or the base antenna.

For mobile, I use a mag mount NMO base with either a 14in dual and antenna (on the van to get into the parking garage), or a ~40" dual band whip on the car or van for longer trips. At home, I use the MFJ dual band, 1/4 wave ground plane antenna on the roof. I used cheap coax, because I am on a hill and have no problem getting into all the local repeaters and reaching simplex to a large number of the local hams.

I also use a rollup J-Pole on my bike with the radio stuffed in my bike bag with a 12v, 7aH gel cell and my GPS. I tried a 5/8wave antenna there without a ground plane and it sucked. The J-Pole gave me ~35 miles of range into the digi while riding on the MS-150 last year.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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52. [htaprs] Re: THD7 noises

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Wed, 30 May 2001 14:47:54 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15584-2001.05.30-08.07.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi,

on 30 May 2001, at 0:00 TAPR Hot Technology APRS digest wrote about:
htaprs digest: May 29, 2001

> Does anybody have a list of what all the beeps mean? I think I've
> figured out most of them from context, but there are a few that
> baffle me. In particular, I'd like to confirm the "Received my own
> position" tone, and there's this little four-note melodic burst that
> I'm unclear on.
>
the melodic tone you are talking about is probably the moment when
a valid GPS position is received by the THD7 for the first time.

73!
Werner
OE9FWV

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

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53. [htaprs] Re: Newbie question

From: MEWintle@aol.com
Date: Wed, 30 May 2001 10:09:58 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15605-2001.05.30-09.29.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 5/29/01 11:33:21 PM Eastern Daylight Time,
gregg@skymaster.c2-tech.com writes:

> The J-Pole gave me ~35 miles of range into the
> digi while riding on the MS-150 last year.

This sounds very neat. I'm going to look into getting a J-pole.

Thanks!
MEW

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Re: Newbie question

From: Francis PILLOUD <francis@pilloud.net>
Date: Wed, 30 May 2001 17:33:48 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15623-2001.05.30-10.56.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Gregg G. Wonderly" wrote:

>
> I also use a rollup J-Pole on my bike with the radio stuffed in my bike bag
> with a 12v, 7aH gel cell and my GPS. I tried a 5/8wave antenna there without
> a ground plane and it sucked. The J-Pole gave me ~35 miles of range into the
> digi while riding on the MS-150 last year.
>

Hello Gregg,

The only rollup J-Pole I know off is the MFJ, but I would no know how to
'erect' it on a bike... else using a pole...

Could you please develop on that ? Would you have the brand and model ?

Thank you very much

Francis
HB9PTF
hb9ptf@pilloud.net

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55. [htaprs] Re: Newbie question

From: MEWintle@aol.com
Date: Wed, 30 May 2001 12:03:01 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15627-2001.05.30-11.22.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 5/30/01 11:40:13 AM Eastern Daylight Time,
francis@pilloud.net writes:

> The only rollup J-Pole I know off is the MFJ, but I would no know how to
> 'erect' it on a bike... else using a pole...

Not directed to me, but I found these examples:

http://www.bikexprt.com/bicycle/antennae.htm
http://www.thedragonmaster.com/j-pole.html

MEW
W2MEW
Morris Twp, NJ

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56. [htaprs] Re: Newbie question

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Wed, 30 May 2001 11:08:13 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15639-2001.05.30-13.27.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Best "roll up" J-Pole I've found is made completely from
RG-58 with a shorting stub at the appropriate distance down
the feedline.   It served me well for thousands of miles
on the bicycle while tied to a fiberglass safety flag with
strips of inner tube rubber.

I found the old article on Portable Packet describing it and
I'll post the details here in a couple days.

Bill - WA7NWP

--- MEWintle@aol.com wrote:
> In a message dated 5/30/01 11:40:13 AM Eastern Daylight
> Time,
> francis@pilloud.net writes:
>
> > The only rollup J-Pole I know off is the MFJ, but I would
> no know how to
> > 'erect' it on a bike... else using a pole...
>
> Not directed to me, but I found these examples:
>
> http://www.bikexprt.com/bicycle/antennae.htm
> http://www.thedragonmaster.com/j-pole.html
>
> MEW
> W2MEW

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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57. [htaprs] Re: [Francis PILLOUD] Re: Newbie question

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 30 May 2001 17:36:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-15690-2001.05.30-17.55.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The only rollup J-Pole I know off is the MFJ, but I would no know how to
>'erect' it on a bike... else using a pole...
>
>Could you please develop on that ? Would you have the brand and model ?

I built the rollup out of 300ohm twin lead from walmart. I fastened it to a
fiberglass bike flag that I also got at walmart for $5.00. I used a program
that a friend gave me (not sure of the source), that given a frequency, will
tell you how to build a rollup J-pole out of 300ohm twinlead. Check out these
URLs for more information

        http://www.c2-tech.com/~gregg/w5ggw/aprs

and

        http://www.qsl.net/w5ggw/jpoleant.html

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] Re: NMEA data in on new Street Pilot III

From: Phillip Clark <pbclark1@attglobal.net>
Date: Wed, 30 May 2001 21:34:45 -0700

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15743-2001.05.30-23.56.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Let me clarify something. The Street Pilot III does have a 16 color screen, but the resolution is somewhat higher that the old Color Street Pilot. Much nicer and easier to read. It is basically the same platform as the model 295 aircraft unit. It has a speaker output for voice directions. Automatic address-to-address routing, and automatic or manual off-course re-routing. The Navigation Technology maps are very good.

Phil KD6SP

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59. [htaprs] Psion Series 7

From: "Denis Greig" <vk5pc@bigfoot.com>
Date: Thu, 31 May 2001 23:35:49 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15809-2001.05.31-09.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'day from Australia,

Has anybody on the list used a Psion Series 7 Mobile Computer with the Kenwood APRS radios for portable/mobile APRS/Packet ?
It seems it would be a great platform for APRS work especially having a colour screen.

I would appreciate any information....

Thanks
73
Denis VK5PC

Adelaide
South Australia

e-mail: vk5pc@bigfoot.com

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.255 / Virus Database: 128 - Release Date: 17/05/2001

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60. [htaprs] WinAPRS/Shape files

From: Foley Mark A SMSgt AFRL/MLS-OLR <Mark.Foley@robins.af.mil>
Date: Thu, 31 May 2001 10:38:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15816-2001.05.31-09.57.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI:
This may have happened to you....
You installed the latest version of WinAPRS (2.5.1) and set up the NWSshape files. However, you notice the warnings are not being "lit up" (watches/advisories may be working though). This had happened to my copy at work. Discovered I had forgot to reset the UTC offset after we went into daylight savings time (was traveling out of the country during that time)
Mark, NA4V

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61. [htaprs] J-Pole on a bike

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Thu, 31 May 2001 11:51:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15848-2001.05.31-13.14.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>The only rollup J-Pole I know off is the MFJ, but I would no know how to
>'erect' it on a bike... else using a pole...

I use a TV-twinlead J-Pole in my fixed station here at the office desk. 100 mW gets me reliably into a digi 10 miles away that I could see if it wasn't for the big brick building across the street.

It's inside a thin PVC pipe "radome", made by a friend. He reported that the antenna trimming was slightly tricky because the surrounding dielectric material detuned it. But, I can testify that he did a great job. Using a fiberglass stick instead might not result in as much detuning.

Using a loose MFJ twinlead J-Pole draped over my shoulder I've worked voice repeaters 150 miles away from a good high spot near Yosemite NP, with just 1 watt. My signal was reported to be very scratchy, but I had a good long QSO with no need to repeat anything. With the antenna suspended 30 feet up a tree the signal cleaned up nicely.

These antennas are perfect for biking for a few reasons: no ground point needed, and a wonderfully flat radiation pattern that puts the signal where it's supposed to go. And, last but not least, the center of radiation is high enough to be above most of your body.

73,
Tony KD7TA

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June 2001

Original source file: htaprs.0106
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0106

1. [htaprs] Best price on APRS compatible GPS

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 31 May 2001 22:06:56 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15976-2001.06.01-00.19.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I ran across a deal I thought I should share. Rand Mcnally is selling 12
channel nmea GPS receiver with antenna for $60. It is built for the Palm III
organizer which I don't have, but since the price was right I bought the GPS.

Upon disassembly, the unit is a Talon receiver board featuring Rockwell
chipsets. (See http://navman.co.nz/_NAVMAN/land/gps1200.htm for more
specifications) It measures out at 2" x 3". Slight catch though, it needs to be
separated from the Palm adapter circuit board. There are six pins that have to
be unsoldered to remove it from this board, and a capacitor and diode need to
be transferred from one board to this one.

What you end up with is a fully operational GPS board and antenna. Just add 4
to 16v, and a serial connector and you are ready to go. Not bad for $60.

Uses 125mA at 5Volts 65mA at 10 volts, etc.

On the old board you will find a lithium ion cell rated at 4 ?volts and about
600 ma hours, and a charger. If you are interested you can check it out at:

http://www.randmcnally.com/

I will be adding pictures of the procedure to my web site by Saturday, or you
can write me if you have questions.

If you aren't a do it yourselfer, you may opt for their mouse sized unit
without software(same board, but no labor) for $80.

Walter
http://www.radiohound.com

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] WinAPRS 2.5.1

From: "Peter Black \(ZR5DWC\)" <zr5dwc@iafrica.com>
Date: Fri, 1 Jun 2001 09:17:26 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-15996-2001.06.01-02.35.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could some one please tell me where I could find a copy of WinAPRS 2.5.1. I
have been trying the tapr ftp site but can not get into it for some reason.

Many thanks

Peter
    ZR5DWC

3. [htaprs] Re: J-Pole on a bike

From: "Richard Davis" <rdendavis@aol.com>
Date: Fri, 1 Jun 2001 7:40:41
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16022-2001.06.01-07.59.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

fyi there is another antenna possibility at http://www.qth.com/shoestring/
 Shoestring makes a "bicycle mobile" antenna. I have used the backpacker
quad and am pleased with it. Perhaps you should check it out.
Rich Davis

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] FTP site

From: "Peter Black \(ZR5DWC\)" <zr5dwc@iafrica.com>
Date: Fri, 1 Jun 2001 14:58:29 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16030-2001.06.01-08.17.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does any one know if the TAPR FTP site is down as I can not seem to get into it today.

Many thanks

Peter
ZR5DWC

5. [htaprs] Re: FTP site

From: "Zachary Michael, KB9UQQ" <kb9uqq_2000@yahoo.com>
Date: Fri, 01 Jun 2001 08:12:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-16031-2001.06.01-08.32.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got into the TAPR Site fine at 8:07 AM. Maybe something is wrong, I
don't know. Anyways, here is a site that actually has it on his server.
Try: http://www.c2i2.com/~yumaprs/w251updt.zip . That should give you
the update file, but with no PocketAPRS Maps. To download them, you will
have to goto TAPR. :)
--
Zachary Grant Michael, KB9UQQ
kb9uqq@tawg.org - http://www.kb9uqq.cjb.net/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: FTP site

From: "Peter Black \(ZR5DWC\)" <zr5dwc@iafrica.com>
Date: Fri, 1 Jun 2001 15:22:03 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-16033-2001.06.01-08.41.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Many thanks for that.

I think the fire wall I am be hind is stopping my ftp requests.

Cheers
Peter
----- Original Message -----
From: "Zachary Michael, KB9UQQ" <kb9uqq_2000@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 01, 2001 3:12 PM
Subject: [htaprs] Re: FTP site

> I got into the TAPR Site fine at 8:07 AM. Maybe something is wrong, I
> don't know. Anyways, here is a site that actually has it on his server.
> Try: http://www.c2i2.com/~yumaprs/w251updt.zip . That should give you
> the update file, but with no PocketAPRS Maps. To download them, you will
> have to goto TAPR. :)
> --
> Zachary Grant Michael, KB9UQQ
> kb9uqq@tawg.org - http://www.kb9uqq.cjb.net/
>
>
>
> ---
> You are currently subscribed to htaprs as: zr5dwc@iafrica.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: FTP site

From: Don Nelsch <dnelsch@neo.rr.com>
Date: Fri, 01 Jun 2001 10:16:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16042-2001.06.01-09.35.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The 58meg file downloaded just fine for me this morning.
Don, K8EIW

"Zachary Michael, KB9UQQ" wrote:

> I got into the TAPR Site fine at 8:07 AM. Maybe something is wrong, I
> don't know. Anyways, here is a site that actually has it on his server.
> Try: http://www.c2i2.com/~yumaprs/w251updt.zip . That should give you
> the update file, but with no PocketAPRS Maps. To download them, you will
> have to goto TAPR. :)
> --
> Zachary Grant Michael, KB9UQQ
> kb9uqq@tawg.org - http://www.kb9uqq.cjb.net/
>
> ---

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: Best price on APRS compatible GPS

From: K Kelly <kmkelly4@home.com>
Date: Fri, 01 Jun 2001 15:23:56 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-16127-2001.06.01-14.42.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you register as new customer (no cost) you get an immediate $10.00 discount you
can use for your purchase of the GPS (or anything else at the RM store). Final cost
$50.00 plus shipping.

Kevin/N6QAB

Walter Dunckel wrote:

> If you are interested you can check it out at:
>
> http://www.randmcnally.com/
>

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9. [htaprs] CUSTOM 0-6

From: "Phillip Pacier" <ad6nh@arrl.net>
Date: Fri, 1 Jun 2001 15:14:7
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16135-2001.06.01-15.33.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In the D7A(G) versions, there are position comments marked CUSTOM 0 CUSTOM
1 etc. It mentions them in the supplimental manual, but it only says that
they are user-definable. It doesn't say how to define them. Anyone know
how to define them? Thanks.

Phil
AD6NH
Orange County SKYWARN

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] Re: CUSTOM 0-6

From: rsnyder@toontown.erial.nj.us (Bob Snyder)
Date: Fri, 1 Jun 2001 16:26:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16139-2001.06.01-15.46.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, Jun 01, 2001 at 03:14:07PM +0000, Phillip Pacier wrote:
> In the D7A(G) versions, there are position comments marked CUSTOM 0 CUSTOM
> 1 etc. It mentions them in the supplimental manual, but it only says that
> they are user-definable. It doesn't say how to define them. Anyone know
> how to define them? Thanks.

Sure....

"Hey guys! For this event, Custom1 indicates we're with our shadow
official... Custom2 is available for redeployment...."

They mean whatever you want them to, by local convention. You can't, to my
knowledge, change how they appear on the radio.

I know that at least it used to be if you set it to Custom 4, and were near
an IGATE (or dosAPRS?) you'd get notified for local FM Satellite passes.

Bob N2KGO

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11. [htaprs] Re: CUSTOM 0-6

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 01 Jun 2001 15:29:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-16141-2001.06.01-15.48.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>In the D7A(G) versions, there are position comments marked CUSTOM 0 CUSTOM
>1 etc. It mentions them in the supplimental manual, but it only says that
>they are user-definable. It doesn't say how to define them. Anyone know
>how to define them? Thanks.

The status is encoded in the MIC-E packet. It is just a number that software
assigns strings to. So, in a sense it is 'user definable'. The reality is
that the meaning is 'user interpreted' because you, us the receiver of the
value, must interpret it how you see fit.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re: Best price on APRS compatible GPS

From: "G. P. Howell" <wa4rts@ntelos.net>
Date: Fri, 01 Jun 2001 20:16:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16180-2001.06.01-19.35.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:06 PM 5/31/2001 -0700, Walter Dunckel wrote:

>I ran across a deal I thought I should share. Rand Mcnally is selling 12
>channel nmea GPS receiver with antenna for $60. It is built for the Palm III
>organizer which I don't have, but since the price was right I bought the GPS.

I have changed two of these units over to a more useful format. The
conversion, as Walter says, is pretty easy. I elected to leave the unit
encased in the Palm configuration since the neat nifty windshield mount

they send you makes it really easy to place inside a vehicle.

One caveat -- the things are EXTREMELY RF sensitive. I thought I had fixed
the problem by bypassing the power feed -- I remove the coaxial jack, and
run power up the rs 232 cable that I solder in -- with a 470 pF ceramic
disk, but the unit I converted for N4QWF gets wiped out every time he
transmits on 144.39. Works great on 10 Mhz. Back to the drawing board for
some beads and more bypass caps.

I'd be interested in where other folks have placed bypasses to fix this
problem.

Geep WA4RTS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: CUSTOM 0-6

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 1 Jun 2001 21:31:44 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-16202-2001.06.01-20.50.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 1 Jun 2001, Bob Snyder wrote:

> I know that at least it used to be if you set it to Custom 4, and were near
> an IGATE (or dosAPRS?) you'd get notified for local FM Satellite passes.

If you are set to CUSTOM1 and there is an APRSdata server in your area
(and if you have the voice chip in your D700), then you will get VOICE
announcements whenever one of the FM satellites that you can work from the
D700 is in view.

It will say:
"UO14 LOW"   - when it comes above the horizon
"UO14 MEDIUM" - when it gets above 10 deg
"UO14 HIGH"   - when it gets above 20 deg

Even if you dont have a voice chip, and DO NOT SET CUSTOM1,
EVERY D7 and D700 radio on 144.39 (in range of a APRSdata server) will
show the range and bearing to each satelite that comes in view.

DO NOT SET CUSTOM1 unless you want the personalized voice announcement.
Sinec it is set as an individual message to each such user, it DOES add
QRM to the channel that should be avoided when not needed.

See all about it: http://web.usna.navy.mil/~bruninga/satinfo.html

de WB4APR,Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: Best price on APRS compatible GPS -- Hacking a Palm GPS?

From: "edoc" <kd4e@arrl.net>
Date: Fri, 1 Jun 2001 22:51:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16211-2001.06.01-22.13.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do I gather that this is a good quality and sensitive GPS? Or it one
of the mediocre but acceptable ones?

I need something inexpensive and compact for emergency communications
with my Kenwood D7 and this sure sounds promising! (I'd be using it
with a Linux laptop ... is their software Linux xompatible?)

As for shielding, have you considered gluing aluminum foil to the
inside of the case ... much as some manufacturers do to get their
monitors to pass emi-rfi inspection?

73, Doc KD4E

> At 10:06 PM 5/31/2001 -0700, Walter Dunckel wrote:
>
> >I ran across a deal I thought I should share. Rand Mcnally is selling 12
> >channel nmea GPS receiver with antenna for $60. It is built for the Palm
III
> >organizer which I don't have, but since the price was right I bought the
GPS.
>
> I have changed two of these units over to a more useful format. The
> conversion, as Walter says, is pretty easy. I elected to leave the unit
> encased in the Palm configuration since the neat nifty windshield mount
> they send you makes it really easy to place inside a vehicle.
>
> One caveat -- the things are EXTREMELY RF sensitive. I thought I had
fixed
> the problem by bypassing the power feed -- I remove the coaxial jack, and
> run power up the rs 232 cable that I solder in -- with a 470 pF ceramic
> disk, but the unit I converted for N4QWF gets wiped out every time he
> transmits on 144.39. Works great on 10 Mhz. Back to the drawing board
for
> some beads and more bypass caps.
>
> I'd be interested in where other folks have placed bypasses to fix this
> problem.
>
> Geep WA4RTS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Hacking a Palm GPS

From: Walter Dunckel <walter@radiohound.com>
Date: Fri, 01 Jun 2001 21:26:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-16224-2001.06.01-23.39.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Talon GPS receiver is a high quality GPS. It is 12 channel, as most newer
GPS units are. It does not have a battery backup for keeping track of time for
faster initial fixes. To see a review of this unit (actually a RandMcNally
Streetfinder GPS - which yours will basically be after the mod) check out:
http://www.gpsnuts.com/myGPS/GPS/Hardware%20reviews/RandMcNally/rand_mcnally_gps.htm
. The unit is suceptable to noise. I suspect a lot of this is due to the fact
that there is basically no shielding in the package, except to shield itself
from its own antenna. I think your suggestion of aluminum foil would be a good
one, as long as one can keep the shielding from shorting on the circuit board.

I have not heard too much good about the software that comes with the unit.
I tried to load the software in my Handspring, and had some trouble. Sounds
like others have too. I wouldn't let the software influence your decision (one
way or the other), let it be up to the hardware. And no, the software is not
Linux compatible, but from the reviews I have read of the software, maybe that
is a good thing. The GPS will work with any Linux, Windows, or other software
that is compatible with NMEA.

HACKING INFO: ==

1. Remove the four screws that hold the GPS together. Pull the two sides of
the plastic housing apart. You will find the hook that is meant to hold the
Palm in place will hinder these efforts. Unhook it as you pull the two sides
apart.

2. The GPS circuit board is held on to the sub circuit board by a 5 pin
header. Since I did not have a big fat solder iron tip, I held my solder iron
accross all five pins, and slowly worked the boards apart slightly. When there
is enough room, bend the circuit boards back and fourth untill all five pins
break. Be carefull not to over stress the circuit board. If you have a better
solder iron, or patience with soaking up all the solder you can easily improve
this method. I then removed each individual pin that was left broken in each
hole.

3. There is a large diode and a yellow capacitor to move from the sub circuit
board to the GPS board. See http://www.radiohound.com/randgps1.JPG . The items
are shown in their final position. To better see where the capacitor is
actually connected to see http://www.radiohound.com/randgps2.JPG .

4. Wire power and a serial cable to the GPS board. Remember to ground your
serial cable!

Here is the pinout shown in reference to the above picture:

o   Ground
O   Ground
O   Capacitor (polarity doesn't matter)
O   (Square Pad) + Positive voltage 4 to 16 volts DC
O   ? Unkown - but not needed for serial com
O   Serial Output
O   ? Unkown - but not needed for serial com
O   Serial Input

And walla, you end up with the finnished product. A 2" by 3" GPS which should
look like:
http://www.radiohound.com/randgps3.JPG .

If you can't figure out something neat to do with your lithium battery, send
it to me and I will put it to good use!

Shield the GPS properly and you should have a lot of fun with this GPS.

Enjoy,

Walter
KD6VYV
http://www.radiohound.com

edoc wrote:

> Do I gather that this is a good quality and sensitive GPS? Or it one
> of the mediocre but acceptable ones?
>
> I need something inexpensive and compact for emergency communications
> with my Kenwood D7 and this sure sounds promising! (I'd be using it
> with a Linux laptop ... is their software Linux xompatible?)
>
> As for shielding, have you considered gluing aluminum foil to the
> inside of the case ... much as some manufacturers do to get their
> monitors to pass emi-rfi inspection?
>
> 73, Doc KD4E

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Antenna

From: "Craig Gagner" <crgagner@home.com>
Date: Sat, 2 Jun 2001 11:09:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16298-2001.06.02-11.13.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What would be a good antenna for a THD-7A, I really want to get the best
range possible, I have an sma to bnc connector so any BNC antenna will also
work. I have tried the Comet SMA-3 but I'm not impressed.

Craig
W1MED
TMV-7A
TMD-700A
THD-7A(G)
TR-2500

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] RE: Antenna

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sat, 2 Jun 2001 11:29:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16303-2001.06.02-11.48.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use the Comet SMA-24. Any short antenna is going to exhibit mediocre performance at best. The SMA-24 is longer, but it does not get in the way due to the small diameter.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Craig Gagner [mailto:crgagner@home.com]
> Posted At: Saturday, June 02, 2001 10:56 AM
> Posted To: APRS High Tech
> Subject: [htaprs] Antenna
>
>
> What would be a good antenna for a THD-7A, I really want to
> get the best range possible, I have an sma to bnc connector
> so any BNC antenna will also work. I have tried the Comet
> SMA-3 but I'm not impressed.
>
> Craig
> W1MED
> TMV-7A
> TMD-700A
> THD-7A(G)
> TR-2500
>
>
> ---
> You are currently subscribed to htaprs as: HamLists@ametx.com
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: Antenna -- Good Kenwood D7 Replacement

From: "edoc" <kd4e@arrl.net>
Date: Sat, 2 Jun 2001 21:15:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16366-2001.06.02-20.38.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Craig,

   I went through Glenn Cohen, Scanners Unlimited ScannerUnl@aol.com and got a Watson W889 metal telescoping antenna for $29.95. It has excellent
wide band coverage and sits real short (& works as well as the stock antenna)
when closed!

   I list them specifically because I had a hard time finding a dealer because
Watson is in Great Britian and dealers have to buy a bunch of the antennas to
make money, thus few dealers stock them.

   The W889 came to my attention as a result of reading a bunch of antenna

reviews and my desire for something real compact for most use. The W889
really shines when signals are a little weak and I stretch out the
telescoping
sections. It has a hinge and swivels so it is real hard to hurt.

   Hope that helps!

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

Note: I have no connection to Watson or Scanners Unlimited, am just a
satisfied customer! :-)
~~~~~~

> What would be a good antenna for a THD-7A, I really want to get the best
> range possible, I have an sma to bnc connector so any BNC antenna will
also
> work. I have tried the Comet SMA-3 but I'm not impressed.
>
> Craig
> W1MED
> TMV-7A
> TMD-700A
> THD-7A(G)
> TR-2500

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19. [htaprs] Alaska Ho: What satellites for D7 & D700?

From: "James Jefferson" <jjeffers@deskmedia.com>
Date: Sat, 2 Jun 2001 21:37:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16374-2001.06.02-21.56.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Everyone,

I'm about to embark on a month long road trip from Minnesota to Alaska,
leaving on Tuesday.

I have:
1) Kenwood D700 with a dual band Diamond 36" antenna on my pickup truck.
2) Kenwood D7A(G) with hand-held Arrow antenna
3) Laptop running Linux (and Windows, if I have to)

I figure that I can send very short e-mails to my friends and family by
digipeating a message through ISS, but I would also like to be able to
upload digital photos (like Ronald @ thistle.org did in Antartica). What
satellite(s) would be best for this, if possible?

For any PACSAT's I assume I'll need to use PB/PG or WISP. Do the Linux
PB/PG's work with the kernel 2.4 AX.25 sockets? Does the D700 have any
trouble running in kiss mode with large packet sizes? At 9600 with omni
antennas (keep in mind - northern canada and alaska, not much uplink
congestion) what can I expect for bytes up and down. How much will the
Arrow yagi help? Or is the arrow antenna nescessary? Are there any
PACSAT -> internet gateways so my friends can see photos or messages?
Any documentation on the internet for using the D700 as a pacsat
station?

Tell me good news :-)

73's,

-James Jefferson KB0THN

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~~~~~~

20. [htaprs] TH-D7(G)

From: "Jack Hathaway" <kg4duc@tampabay.rr.com>
Date: Sun, 3 Jun 2001 17:01:27 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16479-2001.06.03-16.20.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am new to this forum. This question may have been answered before and if
so please advise where I can get the prior response.

I have a Garmin 12XL ver 2.01 (1997) and my TH-D7. When the GPS is
connected to the D7, I get receiver desens. In addition, a recent trip with
the units on did not make it to findu.com or the aprs.net. I was 4.6 miles
from the Emery Riddle digi (160') in Daytona Beach for 3 days without
getting into the "system".

I currently have it addressed to my weather station for relay to digi's and
the net and it works when I am within about 10 miles of home but when I
leave this area its like I am on my own. Any ideas?

Thanks

Jack Hathaway
KG4DUC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: TH-D7(G)

From: Ben Woodard <ben@valinux.com>
Date: Mon, 04 Jun 2001 14:20:09 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16686-2001.06.04-16.46.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I am new to this forum. This question may have been answered before and if
> so please advise where I can get the prior response.
>
> I have a Garmin 12XL ver 2.01 (1997) and my TH-D7. When the GPS is
> connected to the D7, I get receiver desens. In addition, a recent trip with
> the units on did not make it to findu.com or the aprs.net. I was 4.6 miles
> from the Emery Riddle digi (160') in Daytona Beach for 3 days without
> getting into the "system".

I have observed the same thing with my GPS 12 (no XL). I found that i
could mitigate the problem somewhat by keeping the GPS and the radio
as far apart as possible. Having my body inbetween seems to help
too. I don't understand this but the problem seems to persist if I
bring the units close together and then seperate them.

So I have this little proceedure when I get on my bike. I turn on the
radio stow it in my seat bag. Connect the GPS, but don't turn it on
until I'm between it and the radio. The seperation (about 3.5 ft) and
my body seem to reduces the desens. However, it doesn't eliminate it
completely.

The worst desens seems to occur if I have the GPS and the radio right
next to each other. Recently, I got a garmin ETrex Legend and it
doesn't seem to cause the same amount of desens but I haven't ridden
with it enough to be 100% sure. It certainly isn't as blatently
obvious as with the GPS 12.

>
> I currently have it addressed to my weather station for relay to digi's and
> the net and it works when I am within about 10 miles of home but when I
> leave this area its like I am on my own. Any ideas?
>
> Thanks
>
> Jack Hathaway
> KG4DUC
>
>
> ---
> You are currently subscribed to htaprs as: ben@valinux.com

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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22. [htaprs] Re: TH-D7(G)

From: Phil Reed <preed@dnaco.net>
Date: Mon, 04 Jun 2001 19:10:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16709-2001.06.04-18.30.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:01 PM 6/3/01 -0400, Jack Hathaway wrote:

>I have a Garmin 12XL ver 2.01 (1997) and my TH-D7. When the GPS is
>connected to the D7, I get receiver desens. In addition, a recent trip with
>the units on did not make it to findu.com or the aprs.net. I was 4.6 miles
>from the Emery Riddle digi (160') in Daytona Beach for 3 days without
>getting into the "system".

I can't answer you directly, but here's another data point:

I have a Garmin 12XL, running 3.02. I have had both it and the TH-D7A(G) on
the passenger seat of my minivan next to each other with no difficulty.
However, I *was* running on an external mag-mount antenna. Perhaps remoting
the antenna would help out?

Otherwise, you might try some toroids and see if you're getting noise
coming through the cables.

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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23. [htaprs] GPS shielding

From: "James Jefferson" <jjeffers@deskmedia.com>
Date: Mon, 4 Jun 2001 18:35:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-16716-2001.06.04-18.54.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you want to shielding your GPS, try using high temperature DUCT (note I didn't say DUCK). It is
aluminium foil backed with an adhesive.
You should be able to make a fairly decent sheild for your gps just by wrapping the outside with the
stuff. Be sure not to cover your
antenna!

-Jim Jefferson KB0THN

> At 05:01 PM 6/3/01 -0400, Jack Hathaway wrote:
>
> >I have a Garmin 12XL ver 2.01 (1997) and my TH-D7. When the GPS is
> >connected to the D7, I get receiver desens. In addition, a recent trip with
> >the units on did not make it to findu.com or the aprs.net. I was 4.6 miles
> >from the Emery Riddle digi (160') in Daytona Beach for 3 days without
> >getting into the "system".
>
>
> I can't answer you directly, but here's another data point:
>
> I have a Garmin 12XL, running 3.02. I have had both it and the TH-D7A(G) on
> the passenger seat of my minivan next to each other with no difficulty.
> However, I *was* running on an external mag-mount antenna. Perhaps remoting

> the antenna would help out?
>
> Otherwise, you might try some toroids and see if you're getting noise
> coming through the cables.
>
>
>
> ---
>
>   ...phil / w8sca
>
> "For a list of all the ways technology has failed
>   to improve the quality of life, press 3."
>
>
> ---
> You are currently subscribed to htaprs as: jjeffers@deskmedia.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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>
>

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24. [htaprs] Unproto path: Texas - California

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Thu, 7 Jun 2001 09:16:21 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17272-2001.06.07-11.35.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Our local police department is getting a new helicopter!
All six pilots are licensed hams, as are the mechanics.

We have ATV on the old helicopters and will be putting it in the new
helicopter once it has been fully kitted out with all the other goodies
that have to be put in for its regular police activities.

We want to put APRS in the bird for its flight from Texas to California
but since different places use different unproto paths (eg. SoCal digis
don't respond to RELAY,WIDE anymore), I was wondering what would be a good
default unproto path to use that'll work for the entire journey.

I thought about getting around this by defining several different paths
and have the TNC beacon each one in turn, but due to weight restrictions,
I might have to use a much smaller beacon box that uses a less complicated
TNC that does not have that capability.

Any suggestions?

Julian

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25. [htaprs] RE: Unproto path: Texas - California

From: "Bob Donnell" <kd7nm@pugetsound.net>
Date: Thu, 7 Jun 2001 10:02:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17279-2001.06.07-12.21.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I'd offer the comment that in many cases your airborne transmitter will be
at least as well located as many of the wide area digipeaters along your
route. As a result, you may choose to use no path at all. In California,
there are probably enough IGates that you are likely to not need a

digipeater to reach one. In the less populated areas, I have the impression
that digipeating WIDE is likely still available (in addition to WIDEn-n in
some areas), so using a path of WIDE will get you one digipeat from all of
the WIDE-enabled digipeaters that hear you, and that's it. And unless the
nearest IGate is 2 or more hops away from the furthest WIDE you can hit,
you'll be covered. This way you'll probably be digipeated in the areas
where you need it, and not in those areas where you don't need to be.

Anyone else have thoughts on that?

73, Bob

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Julian Frost
Sent: Thursday, June 07, 2001 9:16 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Unproto path: Texas - California

Hi,

Our local police department is getting a new helicopter!
All six pilots are licensed hams, as are the mechanics.

We have ATV on the old helicopters and will be putting it in the new
helicopter once it has been fully kitted out with all the other goodies
that have to be put in for its regular police activities.

We want to put APRS in the bird for its flight from Texas to California
but since different places use different unproto paths (eg. SoCal digis
don't respond to RELAY,WIDE anymore), I was wondering what would be a good
default unproto path to use that'll work for the entire journey.

I thought about getting around this by defining several different paths
and have the TNC beacon each one in turn, but due to weight restrictions,
I might have to use a much smaller beacon box that uses a less complicated
TNC that does not have that capability.

Any suggestions?

Julian

You are currently subscribed to htaprs as: kd7nm@pugetsound.net
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26. [htaprs] weird beeps D700

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Thu, 07 Jun 2001 13:13:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17281-2001.06.07-12.40.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Howdy Folks:

        A strange thing occured while driving around town yesterday and listening
to my D700. All of a sudden, it started issuing "beeps" when receiving
packets and I think when transmitting. They were two tones, one low and one
high. Coulnd't find my manual but did manage to check out my beep setting
(I think it was 3-f) and it was set to MINE. CHanged it to OFF and the
beeps still occured. After awhile it quit..

        Is there something I was missing in the menus? First time I have ever
heard those two-tone beeps!

...DOUG

```
kd4moj
          Tallahassee Florida: Home of the Virtual President
    Where am I?????  ---------->>>>      http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com  Scanning Tallahassee Florida
  +-------------------------------------------------------------------+
  | Doug Ferrell                                            (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org           Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS               APRS 144.390 Mhz |
 _| 3027.27N / 08420.80W  Tallahassee Florida     131.8 CTCSS 444.400 Mhz |_

---
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```

27. [htaprs] Re: Unproto path: Texas - California

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Thu, 07 Jun 2001 12:11:28 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-17301-2001.06.07-14.32.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

```
I have a tracker in the air as we speak.
             http://www.findu.com/cgi-bin/find.cgi?kf6hjo-8
I am using a KPC-3 as the TNC. Small, lightweight and lot's of capabilities.
As far as paths... I love the people that say only use no DIGI path. I have
tried that before with very, very little success.  I use no path every 45 to
60 seconds so people that see it dirrect have something to watch. A path of
WIDE,WIDE every 2 minuets or so and a path of WIDE,WIDE3-3 EVERY 5 minuets.
This still doesn't get me into the internet at all times but works better than
the last tracker I used.  The transmitter is only 5 watts so QRM should be
minimum.  Be aware that RELAY should NEVER NEVER NEVER be used in an aircraft.
The amount of QRM caused by using RELAY from an aircraft could effectively
destroy the local network until you  leave.

Asbestos boots and Halon jacket on!   ;-)

Julian Frost wrote:

> Hi,
>
> Our local police department is getting a new helicopter!
> All six pilots are licensed hams, as are the mechanics.
>
> We have ATV on the old helicopters and will be putting it in the new
> helicopter once it has been fully kitted out with all the other goodies
> that have to be put in for its regular police activities.
>
> We want to put APRS in the bird for its flight from Texas to California
> but since different places use different unproto paths (eg. SoCal digis
> don't respond to RELAY,WIDE anymore), I was wondering what would be a good
> default unproto path to use that'll work for the entire journey.
>
> I thought about getting around this by defining several different paths
> and have the TNC beacon each one in turn, but due to weight restrictions,
> I might have to use a much smaller beacon box that uses a less complicated
> TNC that does not have that capability.
>
> Any suggestions?
>
> Julian
>


--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N  11940.50W     144.39Mhz
        Selma Ca.    {APRS Weather & GPS Tracker}
    SKYWARN member  Hanford Ca. NWS
             DOSAPRS/WAPRS/APRS+SA
  Want to find my truck?  http://www.findu.com/cgi-bin/find.cgi?kf6hjo-9



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```

28. [htaprs] Re: weird beeps D700

From: Arte Booten <n2zrc@earthlink.net>
Date: Thu, 07 Jun 2001 20:26:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17365-2001.06.07-19.47.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Doug F. wrote:

>... my D700 ... started beep[ing] ... two tones, one low, one high.

Let me guess. The first beep was high, right? Did your display read MY POSITION, MY MESSAGE, or MY something else? If so, it was just telling you that your packet had been digipeated, and the D700's TNC had successfully decoded your digipeated packet. 73

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] RE: Unproto path: Texas - California

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Thu, 7 Jun 2001 22:06:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17384-2001.06.07-22.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have operated aeronautical mobile from Las Vegas to Atlanta and from Houston to Northern Iowa. I have found the best setting has been a simple WIDE,WIDE transmission every 5 minutes (3 minutes if I am operating near an airport and maneuvering). More than WIDE,WIDE gets me more duplicate digipeats than anyone on the ground wants to see. Transmissions more often than 3 minutes only tells everybody that I care more about bragging that I can go fast in one direction than I do about interfering with transmissions from other stations. An airborne transmitter at 5120 feet above average terrain is seen over 16083 square miles! (72 mile radius). That number is to a receiving antenna physically on the ground with no gain. Needless to say, WIDE's are higher than that and usually using gain antennae. You can figure that the minimum radius of transmission from a handheld with a rubber duck stuck to a window is over 100 miles to WIDE digis!

I use a TH-D7A(G) with a Garmin eTrex and put in the status text that "voice 446.00" and have consistently had voice contacts during these flights. I have also been messaged and I have responded when my cockpit load allowed. I am based in the Dallas area so you can get an idea of where my routes are. I fly a Mooney so my ground speed averages over 180 mph and I usually fly at altitudes of 7,000 to 12,000 feet.

DO NOT operate any amateur radio aboard a COMMERCIAL aircraft. It is ILLEGAL as no airline allows this operation to occur and they are the final authority in their aircraft, not the pilot. Some airlines (Southwest is one) now allow the operation of GPS receivers onboard their aircraft. Read the airline magazine rules before turning on ANY radio or CD devices aboard a commercial aircraft.

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] RE: Unproto path: Texas - California

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Thu, 7 Jun 2001 23:09:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-17406-2001.06.07-23.29.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I will also say that as time goes on this year, WIDE2-2 is a recommended
replacement for WIDE,WIDE. Most areas of the country have upgraded
their WIDE nodes to WIDEn-n nodes.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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31. [htaprs] Re: weird beeps D700

From: Doug Ferrell <kd4moj@kd4moj.org>
Date: Fri, 08 Jun 2001 00:05:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-17407-2001.06.07-23.31.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:26 PM 06/07/2001 -0400, you wrote:
>Hi all,
>   Let me guess. The first beep was high, right? Did your display
>read MY POSITION, MY MESSAGE, or MY something else? If so, it was just
>telling you that your packet had been digipeated, and the D700's TNC had
>successfully decoded your digipeated packet.   73

  Low tone was first... on a receive packet. The high tone I though was on
TX but i noticed that it seem to be on a regular interval. The lows were
definately on packets being received by the D700. it quit about 2 hours
later. The only adjustments made were to 3-F or whatever the BEEP command
is.. but that didn't change anything itself. Even set to NONE. I usually
had it on MINE.

...DOUG
kd4moj
           Tallahassee Florida: Home of the Virtual President
    Where am I????? ----------->>>>   http://map.findu.com/kd4moj
    http://www.tallahassee-scanner.com Scanning Tallahassee Florida
  +---+
  | Doug Ferrell   (850) 575-7119 |
  | kd4moj@kd4moj.org, http://www.kd4moj.org   Fax (850) 575-6577 |
  | Amateur Radio & Television (ATV), APRS   APRS 144.390 Mhz |
 | 3027.27N / 08420.80W Tallahassee Florida   131.8 CTCSS 444.400 Mhz |

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32. [htaprs] Packet's

From: "Allen M. Mytyk" <w8aii@arrl.net>
Date: Fri, 8 Jun 2001 6:59:18
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17462-2001.06.08-07.18.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning all...

I have been reading some of the comments with regards to correct packet
paths and I began to wonder if I have my D7 set correctly. I am currently
running "RELAY,WIDE3-3". Is this what I should be running, or is there
something more specific that I should have? I am still new to APRS and
certainly want to use the correct paths. Any help here is greatly
appreciated...

Many thanks group...

Al/W8AII

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] RE: Packet's

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 8 Jun 2001 07:33:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17464-2001.06.08-07.53.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is a good question and one without a correct answer :-) When
setting your path, consider the following:

Is RELAY supported in your area by WIDE digis? For instance, in
southern California, RELAY is not supported. Most of the country,
however, does support RELAY.

Is WIDEn-n supported in your area? Most of the country's WIDE digi's
have been upgraded to support WIDEn-n.

Are you running portable/mobile? If so, the RELAY,WIDEn-n is the
recommended format for the traveler where the answer to the above
question is 'yes'.

How high should 'n' be? This depends on what your objective is with
your handheld. If you want to make sure you get gated to the Internet
then n should be the number of hops to the nearest IGate (Change
RELAY,WIDE3-3 to TRACE3-3 and beacon 2 or 3 times. Go to www.findu.com
to see your path to the Internet. Then, change back to RELAY,WIDEn-n
with n matching the number of hops to the IGate). If you want the
locals see where you are, then 2 is probably a good number (in most
parts of the country, 2 is also sufficient to get to an IGate,
especially with RELAY as the first hop).

Confused yet? The best answer is what makes sense (and is accepted) for
your area and that matches your objectives. You are definitely using
the recommended format for 'most' of the country for portable/mobile
operation.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Allen M. Mytyk [mailto:w8aii@arrl.net]
> Posted At: Friday, June 08, 2001 7:01 AM
> Posted To: APRS High Tech
> Subject: [htaprs] Packet's
>
>
> Good morning all...
>
> I have been reading some of the comments with regards to
> correct packet
> paths and I began to wonder if I have my D7 set correctly. I
> am currently
> running "RELAY,WIDE3-3". Is this what I should be running, or
> is there
> something more specific that I should have? I am still new to
> APRS and
> certainly want to use the correct paths. Any help here is greatly
> appreciated...
>
> Many thanks group...
>
> Al/W8AII

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] RE: Packet's

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 8 Jun 2001 09:32:36 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-17478-2001.06.08-08.52.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 8 Jun 2001, AE5PL Lists wrote:

> Is WIDEn-n supported in your area? Most of the country's WIDE digi's
> have been upgraded to support WIDEn-n...

Well, that is good, but it would be a VERY GREAT service if someone would
just write a little parser and plot a MAP. EVERY TNC transmitting LIVE via
APRServe and also listed in the DIGIS.POS files not only show whether they
are an "N" digi or not, but also show their PHG (thus a known circle of
coverage)

Thus someone could easily write a routine to PARSE every DIGIPEATER ID
packet heard (LIVE) or from the DIGIS.POS file) and PLOT the coverage
circles of ALL areas of the USA where WIDEN-N can be used.

Go to my http://web.usna.navy.mil/~bruninga/digis.html page and see the
normal plot of all digis. It would be easy to have this plot only WIDEn-N
digis.

But I am working 16 hour days on PCsat and have no time myself... for a
while..

Any volunteers?

de WB4APR, Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] RE: Packet's

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Fri, 8 Jun 2001 09:08:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>,
        "'ka8tna@arrl.net'"
 <ka8tna@arrl.net>
Message-ID: <LYR845-17490-2001.06.08-09.29.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well I just went to Bob's web page and noticed that none of the digi's in
southern Indiana show up except the only relay digi that just covers
downtown Bloomington In. All the systems I take care of are running APRSD
for WX or Igate connections and the Kantronics tnc's have relay, wide,
wide-n-n, trace enabled. So they show as WX or TCP-IP on the BIG map.

 I could change The Igate site, What is the code for an Igate? Will it show
on Bob's digi map?

 Standards so many to chose form.

   Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
NetMeeting Directory server for IU ils.iu.edu

> -----Original Message-----
> From: Bob Bruninga [SMTP:bruninga@usna.edu]
> Sent: Friday, June 08, 2001 8:33 AM
> To: TAPR Hot Technology APRS
> Cc: TAPR Hot Technology APRS
> Subject: [htaprs] RE: Packet's
>
> Go to my http://web.usna.navy.mil/~bruninga/digis.html page and see the

> normal plot of all digis. It would be easy to have this plot only WIDEn-N
> digis.
>
> But I am working 16 hour days on PCsat and have no time myself... for a
> while..
>
> Any volunteers?
>
> de WB4APR, Bob
>
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] RE: Packet's

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 8 Jun 2001 09:45:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17503-2001.06.08-10.05.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You have just hit the problem on the head that Bob is talking about.
The current digi.pos file is generated showing anyone using the star
icon "#" (a star with a "N" overlay ("N#") is the "standard" for WIDEn-n
digi's). IGates are "supposed to be" a gate icon with an "I" overlay
("I&"). However, many people use the "/I" (TCP/IP) symbol for an IGate.

A non-NWS weather station is to be "/_". If the station is also a digi,
use "_". If it is a WIDEn-n digi, use "N_". One word of caution here:
many APRS client applications do not interpret any full (including
position) weather reports unless the are using "/_" as an icon. I
overcome this (my wx station is a digi, so I use "_") by sending the
weather as a separate message from the posit. WinAPRS does this, my
weather interface (not written for distribution, just my hacking) in
conjunction with APRS+SA does this, but I don't know what other client
software does this.

Bob mentioned parsing the packets off of the Internet to show WIDEn-n
digi's. However, I am not sure how this would be accomplished if the
WIDEn-n digi is not doing callsign substitution (recommend
configuration).

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Hazen, Dwight L [mailto:hazen@indiana.edu]
> Posted At: Friday, June 08, 2001 9:16 AM
> Posted To: APRS High Tech
> Subject: [htaprs] RE: Packet's
>
> I could change The Igate site, What is the code for an
> Igate? Will it show on Bob's digi map?
>
> Standards so many to chose form.

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37. [htaprs] Re: Unproto path: Texas - California

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Fri, 8 Jun 2001 08:37:58 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17506-2001.06.08-10.57.29--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Thanks to everyone who responded. I was talking to the pilots of the
helicopter again last night and they have decided not to run APRS this
particular trip. Everything is too new -- the helicopter; the equipment in
the helicopter; APRS; etc -- that they really just want to concentrate on
flying! As they will be near the maximum take-off weight due to all the
gear they have to take with them, they can't take extra batteries to run
the beacon box (the helicopter runs on 28V so there's no available source
of 12V at this time).

The city will be getting a second new helicopter in January. By that time,
we'll know much more about how these new helicopters are equipped and the
crew will have had hundreds of hours in them. We'll run APRS at that time.

Thanks again.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] RE:Unproto path: Texas - California

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 8 Jun 2001 10:06:10 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17509-2001.06.08-11.30.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Julian Frost <jfrost@eclectic.ss.uci.edu> asks:

>Any suggestions?

I thought I'd heard that helicopters are supposed to fly under 1000 feet,
and fixed-wing are to be above 1000 feet. If true, then any path that has
been shown to work for fixed wing airmobile ops will not be too long (maybe
even be one hop short) for helicopter ops.

73,
Tony KD7TA

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39. [htaprs] Re: Unproto path: Texas - California

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 08 Jun 2001 11:55:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17519-2001.06.08-12.15.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:37 AM 6/8/01, Julian Frost wrote:

>The city will be getting a second new helicopter in January. By that time,
>we'll know much more about how these new helicopters are equipped and the
>crew will have had hundreds of hours in them. We'll run APRS at that time.

Just out of curiosity, what type of helicopters did the city purchase? MD
Explorer NOTAR? :)

Probably not... :)

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] RE: Packet's

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 8 Jun 2001 13:39:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17528-2001.06.08-12.59.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My page is actually kinda out of date. My page was meant to be an example
of the kind of real-time javaAPRS map that can be drawn on a WEB page
simply by giving it a DIGIS.POS file. Then the WEB page could be
automatiically always showing the state of the network...

bob

On Fri, 8 Jun 2001, Hazen, Dwight L wrote:

> Well I just went to Bob's web page and noticed that none of the digi's in
> southern Indiana show up except the only relay digi that just covers
> downtown Bloomington In. All the systems I take care of are running APRSD
> for WX or Igate connections and the Kantronics tnc's have relay, wide,
> wide-n-n, trace enabled. So they show as WX or TCP-IP on the BIG map.
>
> I could change The Igate site, What is the code for an Igate? Will it show
> on Bob's digi map?
>
>   Dwight

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41. [htaprs] Re: [Francis PILLOUD] Re: Newbie question

From: Francis PILLOUD <francis@pilloud.net>
Date: Sat, 09 Jun 2001 00:08:49 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-17574-2001.06.08-17.29.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Gregg G. Wonderly" wrote:

> I built the rollup out of 300ohm twin lead from walmart. I fastened it to a
> fiberglass bike flag that I also got at walmart for $5.00.

Hello Greg and the group.

Thank you all very much for all the answers on the 'rollup j-pole'.

So, it is exactly what I was thinking. It's made out of twin-lead and
needs kind of a pole or stick to stay erected. I may then as well try to
build a rigid or semi rigid J-pole.

Happy APRS-biking to all.

Oh, by the way, mine is a motorcycle bike ;-)

Vy73

Francis
HB9PTF

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42. [htaprs] Re:Revo or Palm?

From: GeorgegeeG@aol.com
Date: Sat, 9 Jun 2001 08:54:53 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17670-2001.06.09-08.14.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've noticed some Diamond Mako's (repackaged Psion Revo Plus's) for sale as
well as a Palm Vx - I know there is APRS for the palm, but I really like
having a keyboard (and it makes it easier for regular packet too) is there
APRS software for the Revo?

(I promise not to ask about my Tandy model 100) :-)

73's de
George WB2GTC

43. [htaprs] Re: Packet's

From: Arte Booten <n2zrc@earthlink.net>
Date: Sat, 09 Jun 2001 09:16:42 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17674-2001.06.09-08.37.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Bob B. wrote:

>EVERY TNC transmitting LIVE ... show their PHG ...

     I've recently started to play with UI-View. Maybe I'm a bit addled
but I don't remember seeing anyplace to put PHG. Altitude (AMSL) has
always (AFAIK) been a matter of inserting /A=###### at the beginning of
the position comment.   73

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: Revo or Palm?

From: Arte Booten <n2zrc@earthlink.net>
Date: Sat, 09 Jun 2001 09:27:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17675-2001.06.09-08.48.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

George G. wrote:

>Diamond Mako's (repackaged Psion Revo Plus's) for sale ... is there
>APRS software for the Revo?

     Unlike the Hewlett-Packard LX series, which ran a slimmed-down ver-
sion of DOS 3.3, the Psion uses a proprietary OS. Maybe someone wrote a
version of APRS for it, but I haven't heard about it ... and I've been
monitoring at least a dozen APRS lists for years ...

>I promise not to ask about my Tandy model 100 ...

     ... which is actually an interesting comment! Since APRSDos is in
QBasic (the OS that the Tandy used), I wonder if it could be used on one
of those museum pieces? Bob?   73

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] HP Jordana 720 information ?

From: "Denis Greig" <vk5pc@bigfoot.com>
Date: Sat, 9 Jun 2001 23:55:36 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17683-2001.06.09-09.45.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'day again
        I recently asked if anyone on the list had any experience with the Psion
Series 7 PDA and received some information.
Now I am asking if anyone has had experience with the HP Jordana 720 32MB
handheld PC's.

As you may guess I am trying to decide which PDA to purchase, to replace my
Casio BN-20.

Also I am wondering if the newer keyboard PDA's such as the HP 720 are a
viable replacement for a Notebook PC especially when travelling on holidays.
After packing the carry on bag with a video camera, the SLR camera, and a
smaller pocket camera, along with maybe a small digital camera, the handeld

plus the spare batteries, chargers etc. the extra weight and size of a
notebook is a problem.

Reading the reviews of the Jordana gives me the impression that it is great
for sending e-mail's back home and keeping the holiday log & expenditure
records etc.
But what about loading the memory files into the Kenwood TH-D7A as you move
about a country or arrive in a new country ?Then there is the APRS
requirement... can the HP run an APRS program and what about the maps
required ?

By the way "keyboardless" PDA's such as the Palm Pilots do not rate with
me.... I gotta have a keyboard....!

So any comments or experiences the list members would like to pass on would
be greatly appreciated..

Thanks,
73
Denis VK5PC

Denis Greig   VK5PC
Adelaide
South Australia

Ph. +618 8377 1374
e-mail: vk5pc@bigfoot.com
homepage: http://www.picknowl.com.au/homepages/dgreig/

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.256 / Virus Database: 129 - Release Date: 31/05/2001

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: HP Jordana 720 information ?

From: "Lee A. Dickinson" <r100rt@home.com>
Date: Sat, 9 Jun 2001 10:41:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17684-2001.06.09-09.55.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Also I am wondering if the newer keyboard PDA's such as the HP 720 are a
> viable replacement for a Notebook PC especially when travelling on
holidays.
> After packing the carry on bag with a video camera, the SLR camera, and a
> smaller pocket camera, along with maybe a small digital camera, the
handeld
> plus the spare batteries, chargers etc. the extra weight and size of a
> notebook is a problem.

Bigger than a PDA, but my choice for this duty is a Toshiba Libretto
sub-notebook PC. Mine is a model 100CT with the drive upgraded to 6GB.
Mine contains everything anyone's laptop PC can contain/run and it is about
the size of a VCR tape. They are abundant on eBay in the $5-600 range. The
110CT is pricier and gives a 233 Pentium instead of my 166, but for this
duty, the 166 is fine for me. It is easy to overclock the 166, but some
have had problems so I leave mine alone.

best - Lee K4LAD

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] [aprssig] ISS and APRS (fwd)

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 9 Jun 2001 13:22:44 -0400 (EDT)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17715-2001.06.09-12.42.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a Question for D7/D700 owners (or other Satellite ops):

Have you received position reports on the downlink from ISS on your D7 or D700 front panel when it comes into view? (or on your regular APRS software when working ISS).

Reason I ask is that W3ADO (east coast) and WA6LIE (west coast) are uplinking ISS objects once a minute via the ISS digipeater just for this purpose. But we have heard no feedback as to the value of this service.

Our thought was that this would be a "WOW" factor when people use their D7 or D700 to demo ISS passes (7 times a day)... With the D7 or D700, you will see WHERE the satellite is at those instants, what AZimuth, and what distance and which direction it is going. ALl you need..

>From the looks of the downlink, hardly any APRS users are playing with ISS, it is mostly just folks with keyboard chit-chat.

By uplinking a 1 miniute moving object we are consuming about 2% of channel capacity. Not much, but in the absence of any feedback that anyone is seeing, or finding this service useful, it is hard to justify to the non-APRS satellite operators even this use of bandwith in automatic mode.

The ISS digipeater is for live-ham-fun. Attended APRS operations, tracking, messaging are 100% welcome. Unattended beacons on the uplink when ISS is NOT in view are verboten (there are 8 other satellites listening on that uplink).

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://web.usna.navy.mil/~bruninga/iss-faq.html
PCsat Design http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs http://web.usna.navy.mil/~bruninga/cubesat.html
APRS LIVE pages http://web.usna.navy.mil/~bruninga/aprs.html
APRS SATELLITES http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: Model 100

From: GeorgegeeG@aol.com
Date: Sun, 10 Jun 2001 10:04:46 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17830-2001.06.10-09.24.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've owned several laptops, but none have had as comfortable a keyboard as the 100, not to mention that it ran forever on the AA cells, and had a convienent size. The real drawback was the display, I'm just amazed that no one seems to have taken the 100's ergnonomics and updated it with modern convienences :-) Guess that's why my comment. The Psions seem to follow in the tradition, though their keyboards are not quite as nice, they are smaller.

> >I promise not to ask about my Tandy model 100 ...
>
> ... which is actually an interesting comment! Since APRSDos is in
> QBasic (the OS that the Tandy used), I wonder if it could be used on one
> of those museum pieces? Bob? 73
>
>
73's de George WB2GTC

49. [htaprs] Re: Model 100

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 10 Jun 2001 12:27:14 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17845-2001.06.10-11.46.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No way ... the Model 100 is a very slow old 8085. The version of Basic in its ROM predates the earliest Q-basic by five years at least. The display doesn't really lend itself to mapping, but ... a simple client could probably be written to monitor posits, present a text display, and do messaging a la D700/D7 ...

-----Original Message-----
From: GeorgegeeG@aol.com
Sent: Sunday, June 10, 2001 10:05 AM

I've owned several laptops, but none have had as comfortable a keyboard as the 100, not to mention that it ran forever on the AA cells, and had a convienent size. The real drawback was the display, I'm just amazed that no one seems to have taken the 100's ergnonomics and updated it with modern convienences :-) Guess that's why my comment. The Psions seem to follow in the tradition, though their keyboards are not quite as nice, they are smaller.

>I promise not to ask about my Tandy model 100 ...

... which is actually an interesting comment! Since APRSDos is in QBasic (the OS that the Tandy used), I wonder if it could be used on one of those museum pieces? Bob? 73

50. [htaprs] Re: Palmtop and APRS

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Sun, 10 Jun 2001 19:54:17 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17862-2001.06.10-13.14.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi, just a small comment on the HP200LX OS,

On 10 Jun 2001, at 0:00, TAPR Hot Technology APRS digest wrote:

> Unlike the Hewlett-Packard LX series, which ran a slimmed-down ver-
> sion of DOS 3.3, the Psion uses a proprietary OS. Maybe someone wrote
> a version of APRS for it, but I haven't heard about it ... and I've
> been monitoring at least a dozen APRS lists for years ...

in fact it is DOS version 5.0 running in the HP200 LX.
I know this because I own two of these fascinating palmtops.
I did not try it, but I know some people run Aprsdos on this machine.

73! de Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

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51. [htaprs] Re: Model 100

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Sun, 10 Jun 2001 11:31:50 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17870-2001.06.10-13.51.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

--- "Brian B. Riley" <brianbr@macconnect.com> wrote:
> No way ... the Model 100 is a very slow old 8085

Yup. We tried. The serial input can't keep up with even
1200 baud data and it was a XON-XOFF nightmare.

Assembly code would probably work. Doing that is on
the list - right below rewriting the KCP-3+ firmware.

Bill

_____
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52. [htaprs] Re: Model 100

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Sun, 10 Jun 2001 22:42:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17931-2001.06.10-22.02.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Bill Vodall
> Sent: Sunday, June 10, 2001 14:32 PM

> --- "Brian B. Riley" <brianbr@macconnect.com> wrote:
> > No way ... the Model 100 is a very slow old 8085
>
> Yup. We tried. The serial input can't keep up with even
> 1200 baud data and it was a XON-XOFF nightmare.
>
> Assembly code would probably work. Doing that is on
> the list - right below rewriting the KCP-3+ firmware.

 Actually, it can keep up with 19200 ... the thing is that the display
cannot keep up with 1200, even at 300 baud it struggles. There is a well
known flaw in the firmware for XON-XOFF, some times it forgets to XON
... that is why the best way to handle anything on the M100 is to
process serial input in the cpu then display some concise result.

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53. [htaprs] Re: [aprssig] ISS and APRS (fwd)

From: Chris McKendry <n5cwm@yahoo.com>
Date: Sun, 10 Jun 2001 20:21:43 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-17935-2001.06.10-22.41.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes I have received the position reports from ISS on
my D700. Nice feature. Matter of fact, I left my D700
on today for a few hours and received several stations
but erased them when I went mobile.

Although I have found it difficult (almost impossible)
to get thru ISS and see my callsign on the map at
www.ariss.net from my base station, I have yet to get
in with my D700 at
50w using an NMO mounted 2m/70cm vertical. I hope
that the settings I have in the D700 are correct.
It is late as I type this so tomorrow I will get out
the book again and check my settings.

Everyone I have demonstrated the D700 to using
local APRS and ISS passes have been VERY impressed.
I still have yet to experiment with the other digital

satellites. I miss the days I used my Arrow antenna
to listen to the little Sputnik 41 bot that was hand
launched from a MIR spacewalk a couple years ago. It
was very entertaining listening to the voice recording
as it passed overhead! (See this link for more info:

http://www.ccr.jussieu.fr/physio/Satedu/sputnik41.html

for those of you that missed out on it).

Right now I use STSPlus to forecast the passes, and
get my KEPS from Celestrak.com. I am running
WinAPRS on my base station and PC for the weather
interface. Bob, I did notice that DosAPRS
has gone through quite a transformation since I used
it first in 1994 or so. I have been meaning to try
the latest version and the satellite tracking
interface
APRStk. I have the registration numbers to run it
somewhere on my desk here..

-Chris McKendry
N5CWM (home QTH with Davis weather 24/7)
N5CWM-14 mobile w/D700.

--- Bob Bruninga <bruninga@usna.edu> wrote:
> Here is a Question for D7/D700 owners (or other
> Satellite ops):
>
> Have you received position reports on the downlink
> from ISS on your D7 or
> D700 front panel when it comes into view? (or on
> your regular APRS
> software when working ISS).
>
>

_____
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54. [htaprs] How do I ask for tower space for a DIGI or repeater

From: Chris McKendry <n5cwm@yahoo.com>
Date: Sun, 10 Jun 2001 20:49:30 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17938-2001.06.10-23.09.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm basically in an "RF hole" so I use a Cushcraft
13b2 and 45w or so just to get into the Houston APRS
system, and on to an I-Gate. One of these days I
will try and talk to the management of a high-rise
condo a mile from me and see if they are receptive
to Ham Radio (I plan on putting on a technology
presentation and bringing some literature on Ham Radio
as well as touting the "emergency services/National
Disaster (recent Houston flooding!) issues as well).

I have asked two local antenna managers about tower
space but got the brush-off. (They were cellular type
antenna towers).

Anyone know how to go about getting tower space? Is
it common practice for an amateur to get "free" space
or maybe even pay for the basic power bill? I can use
all the help I can get!

-Thanks in advance!

_____
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55. [htaprs] kf6hjo-8 update

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Sun, 10 Jun 2001 22:39:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-17960-2001.06.11-01.00.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you watching,
Wayne made it from Barrow Alaska to Key West Florida in his AIRCOUPE
ALON in a thundering time of... 236 hours and 31 minuets. He made it to
Key West on Saturday and is still fighting weather. He has decided to
give up on the Kitty Hawk NC to Salinas Ca record. Both pilot and
Co-pilot have other obligations in the next several weeks and with the
weather as unprudictable as it has been, there is no time left to fly to
Kitty Hawk. They hope to leave Florida on Monday morning and be back in
Ca on Thursday More to follow soon.

http://www.findu.com/cgi-bin/find.cgi?kf6hjo-8

--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N 11940.50W   144.39Mhz
        Selma Ca.   {APRS Weather & GPS Tracker}
    SKYWARN member Hanford Ca. NWS
              DOSAPRS/WAPRS/APRS+SA
  Want to find my truck? http://www.findu.com/cgi-bin/find.cgi?kf6hjo-9

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56. [htaprs] Re: [aprssig] ISS and APRS (fwd)

From: MEWintle@aol.com
Date: Mon, 11 Jun 2001 11:54:15 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18012-2001.06.11-11.14.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm just getting started in Ham. I have a D7 and I was able to get it working
for APRS pretty quickly. And one of the first things I saw was the posit on
the ISS! Now that was an unexpected thrill. I showed it around and shared it
with the guy who's been teaching me and he joked that I had exceeded him.

Last week I bought the ARRL Sat book and I read it this weekend. I hope to
start working this stuff soon. The ISS report really encouraged me. I hope
there's justification to keep it going. I imagine it will find an audience
soon enough.

Mark Wintle
Morris Twp, NJ, USA
W2MEW

In a message dated 6/9/01 1:25:11 PM Eastern Daylight Time, bruninga@usna.edu
writes:

> Have you received position reports on the downlink from ISS on your D7 or
> D700 front panel when it comes into view? (or on your regular APRS
> software when working ISS).
>
> Reason I ask is that W3ADO (east coast) and WA6LIE (west coast) are
> uplinking ISS objects once a minute via the ISS digipeater just for this
> purpose. But we have heard no feedback as to the value of this service.
>
> Our thought was that this would be a "WOW" factor when people use their D7
> or D700 to demo ISS passes (7 times a day)... With the D7 or D700, you
> will see WHERE the satellite is at those instants, what AZimuth, and what

> distance and which direction it is going. ALl you need..

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57. [htaprs] ISS and D7

From: "Jim King" <jim@jimking.net>
Date: Mon, 11 Jun 2001 11:02:07 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18014-2001.06.11-11.21.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

After trying a few times I haven't been able to get into ISS with my D7. Yesterday there was an 82 degree pass; I beaconed once a minute but didn't hear my packet back from ISS. I've got my packet path set to NOCALL. Is this right? What about antennas? I've tried both the stock one and a Comet SMA-24.

Jim, KD5LUQ

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58. [htaprs] Re: How do I ask for tower space for a DIGI or repeater

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 11 Jun 2001 12:07:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18024-2001.06.11-12.28.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:49 PM 6/10/01, Chris McKendry wrote:

> One of these days I
>will try and talk to the management of a high-rise
>condo a mile from me and see if they are receptive
>to Ham Radio.

Having lived in condo complex I can honestly say, Don't waste your time. Homeowner's Associations are not antenna friendly to residents, much less someone who doesn't even live/own in the complex. The first complaint of TVI and you'd be gone. Which would be rather fast, when someone noticed the fuzzies on their TV when watching channel 18 on cable. Usually if they allow commercial type transmitting antennas at the condo complex it's because a large sum of money or other major consideration was given to the complex in exchange. One of my friends was able to finally get his 18 inch satellite dish at his condo by actually running for, and being elected to the board of directors. We had to totally hide ANY trace of the coax from being visible to any of the other residents and use a non-penetrating roof mount. Fortunately there was a hollow steel column near his unit that run from the ground all the way to the roof, three stories above, and we we able to snake the coax through that.

>I have asked two local antenna managers about tower
>space but got the brush-off. (They were cellular type
>antenna towers).

Join the club, I wasn't always given the brush off, but told I'd have to pay the full commerical rate for antenna space, which around here equates to about $100 a month.

>Anyone know how to go about getting tower space? Is
>it common practice for an amateur to get "free" space
>or maybe even pay for the basic power bill? I can use
>all the help I can get!

Either become an employee of a commercial communications company, or make friends with someone who is. :)

In Sioux Falls, a few friends and I have considered guerilla APRS, where some form of clandestine digipeater would be placed without the permission

of the owner of a high spot. But only as a mental exercise... :)

73,

Mark
KC7BXS

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59. [htaprs] How to Toggle KISS in Kenwood TH-D7A(g)

From: "edoc" <kd4e@arrl.net>
Date: Mon, 11 Jun 2001 13:28:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18038-2001.06.11-13.43.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This may have been covered before ... I may have missed it ...

Someone told me that he thought there may be a way to toggle
KISS mode in the D7. While the D7 HT is not as robust as the
D700 mobile he seemed to think he had heard that KISS was
possible on the D7, though not documented.

Our Amateur Radio technical specialists here have a specific
application in mind. Any hints out there, please?

Thanks! & 73, Doc KD4E

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60. [htaprs] Re: How do I ask for tower space for a DIGI or repeater

From: "edoc" <kd4e@arrl.net>
Date: Mon, 11 Jun 2001 13:46:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18037-2001.06.11-13.42.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It is a violation of Federal law for any association to restrict 1 meter
(approx.) size satellite receiving dishes. If you visit the FCC site the
legalese is there, as are (I believe) some case law examples.

You should be able to create a plastic dish-like grid into which you
interweave your antenna elements ... or use the grid as a capacitive hat
and the mast as your vertical element ... or something similar.

If no-one knows you are operating an Amateur Radio station they
have no reason to blame you for anything!

BTW: You could always put serious HF and VHF antennas on your
car/truck/van and then connect remotely from your condo/deed-restricted
home ... I daresay that if you affiliate with your local ARES/RACES
emergency communications organization and someone tries to stop you
from having Ham gear and antennas on your vehicle that they will find
themselves on the nasty end of a Federal rebuke!

(The Yaesu FT-8100r has a reliable crossband repeat feature and you
could also set up a 220 link from home to vehicle and remotely control
your mobile HF rig.)

We need to be creative and firm and set some boundaries on those
who would foist their misunderstandings and preferences on us.

73, Doc KD4E

> Having lived in condo complex I can honestly say, Don't waste your
> time. Homeowner's Associations are not antenna friendly to residents,
much
> less someone who doesn't even live/own in the complex.   The first
> complaint of TVI and you'd be gone.   Which would be rather fast, when
> someone noticed the fuzzies on their TV when watching channel 18 on
> cable. Usually if they allow commercial type transmitting antennas at the

> condo complex it's because a large sum of money or other major
> consideration was given to the complex in exchange. One of my friends
was
> able to finally get his 18 inch satellite dish at his condo by actually
> running for, and being elected to the board of directors. We had to
> totally hide ANY trace of the coax from being visible to any of the other
> residents and use a non-penetrating roof mount. Fortunately there was a
> hollow steel column near his unit that run from the ground all the way to
> the roof, three stories above, and we we able to snake the coax through
that.
>
>
> >I have asked two local antenna managers about tower
> >space but got the brush-off. (They were cellular type
> >antenna towers).
>
> Join the club, I wasn't always given the brush off, but told I'd have to
> pay the full commerical rate for antenna space, which around here equates
> to about $100 a month.
>
>
> >Anyone know how to go about getting tower space? Is
> >it common practice for an amateur to get "free" space
> >or maybe even pay for the basic power bill? I can use
> >all the help I can get!
>
> Either become an employee of a commercial communications company, or make
> friends with someone who is. :)
>
> In Sioux Falls, a few friends and I have considered guerilla APRS, where
> some form of clandestine digipeater would be placed without the permission
> of the owner of a high spot. But only as a mental exercise... :)
>
> 73,
>
> Mark
> KC7BXS

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61. [htaprs] RE: Packet's

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Mon, 11 Jun 2001 12:51:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'RM-APRS@yahoogroups.com'" <RM-APRS@yahoogroups.com>
Message-ID: <LYR845-18042-2001.06.11-14.16.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(Cross-posted to RMAPRS mailing list)

Bob Bruninga <bruninga@usna.edu> wrote:

>> Is WIDEn-n supported in your area? Most of the country's WIDE digi's
>> have been upgraded to support WIDEn-n...

>Well, that is good, but it would be a VERY GREAT service if someone would
>just write a little parser and plot a MAP. EVERY TNC transmitting LIVE via
>APRServe and also listed in the DIGIS.POS files not only show whether they
>are an "N" digi or not, but also show their PHG (thus a known circle of
>coverage)

Sadly, the digi info shown in the Wyoming and Colorado areas is very much
out of date (possibly true for other areas as well). Where did you get the
data, from Jeff Brenton's compilation? If so: Rocky Mountain APRS digi
operators (and Randy KK7CN, especially should check this since you operate
so many here in WY), please be sure to update Jeff Brenton KA9VNV here:
http://www.dididahdahdidit.com/ with a copy of the digi's on-air packet.

Bob, what do you think about date-stamping the revision of the map? Things
can be pretty dynamic in the APRS world! There are many digis in WY that
have showed up in the last year or so, through the hard work and dedication
of KK7CN and others.

Similar topic:

I was just talking with Tate KC7ZRU this morning about a coverage map in
which you can bink on a digi symbol, and be linked to the web page (where
available) of the operator, or some other "regional expert". That'd be a big
project, but a fantastic resource for the trip planner. It would be a great
way to discover the local optimal packet path, for example.

73,
Tony KD7TA

73,
Tony KD7TA

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62. [htaprs] Re: How do I ask for tower space for a DIGI or repeater

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 11 Jun 2001 12:01:48 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18044-2001.06.11-14.21.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 11 Jun 2001, edoc wrote:

> It is a violation of Federal law for any association to restrict 1 meter
> (approx.) size satellite receiving dishes. If you visit the FCC site the
> legalese is there, as are (I believe) some case law examples.

While what you say is techically correct, the HOA can regulate pretty much
anything they like -- when it comes to their property. While you "can"
have satellite TV antenna, the HOA can regulate how it is mounted (no
visible wires, no permanent mounts, must not be visible from the
street/other condos etc). In other words, yes, you can install a satellite
TV antenna, but in order to do so, you'd have to jump through many hoops.

A co-worker was telling me recently how in order for him to install a
satellite TV antenna at his condo complex, he'd have to sink a 15' pole in
a bucket of concrete, put the dish on top of the pole, and move the whole
aparatus onto the balcony. That's the only way the HOA would allow the
"installation". And remember, the FCC says that it's a *TV Receiving*
antenna. If you're not putting up a *TV* _Receiving_ antenna (ie. A ham
transmitting antenna), all bets are off. And PRB-1 doesn't cover private
agreements, which HOA fall under (if I remember correctly).

> If no-one knows you are operating an Amateur Radio station they have
> no reason to blame you for anything!

When someone knocks on your door, give the Gordon West answer... "Are you
getting that same interference?" :-)

Julian

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63. [htaprs] Help with Magellan GPS

From: "Larry Simburger" <lsimburger@yahoo.com>
Date: Mon, 11 Jun 2001 15:3:37
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18058-2001.06.11-15.23.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI,
I am new to APRS and could use some help. I fly hot air balloons and I
would like to set up a kenwood d7 with garmin 3plus in the hot air balloon
and broadcast my flight on aprs. I would like to get my chase vehicle which
my wife drives set up with another kenwood d7 connected to a moving map
technology device that would let her see both my position being plotted on
the moving map, but also hers. She does not have a good sense of navigation
and has gotten lost chasing me several times. It would be nice if she had a
larger display screen to be able to make sense of the map. I have
considered laptops, I would have to purchase one since I do not currently

own one. I have considered palm devices, I would have to purchase one which
is cheaper than a laptop, however I would still have to purchase a gps for
her to see where she is at. So I am considering a larger screen gps. I know
were I can pick up a Magellan EC 10X rather inexpensively. From the specs I
am able to find it will perform very well as a GPS, but I can not determine
if it has the capability for the NMEA data transmission. Or does someone
have another solution I have not thought of?

Thanks,
Larry Simburger
425-266-4660 work
lsimburger@yahoo.com

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64. [htaprs] Re: Help with Magellan GPS

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 11 Jun 2001 13:17:48 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-18061-2001.06.11-15.37.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 11 Jun 2001, Larry Simburger wrote:

> her to see where she is at. So I am considering a larger screen gps. I know
> were I can pick up a Magellan EC 10X rather inexpensively. From the specs I
> am able to find it will perform very well as a GPS, but I can not determine
> if it has the capability for the NMEA data transmission. Or does someone
> have another solution I have not thought of?

He wants both NMEA-out and NMEA-in capability for the GPS so that the
TH-D7A can update the APRS waypoints on the GPS screen. He can then
keep a separate computer (and associated cables) out of the equation.

Can only Garmins do that? I know even for Garmins that only a few
models that have that capability.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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65. [htaprs] RE: Help with Magellan GPS

From: "Bob Donnell" <kd7nm@pugetsound.net>
Date: Mon, 11 Jun 2001 13:41:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18064-2001.06.11-16.01.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Larry, and all,

It certainly bears independent verification, however the Garmin GPS162 is
reported to be able to generate (and move) waypoints on the display with
data automatically provided by the D7 handheld. The GPS III+ is also able
to do this, however it's display is much smaller. The moving map of the
162, along with waypoint updating, could be what you're looking for, if the
display is sufficient for your wife's needs. I believe using the GPS162 for
an aprs display was discussed on the aprssig mail list about 2 months ago.
More recently, I found a reference to a free power/data cable for that same
GPS - a link to a page on Garmin's site:

http://www.garmin.com/whatsNew/currentpromotions/AC_PCcoupon.pdf

To my knowledge, the GPS II, GPS III, some GPS 12's, and the GPS 162 are the
only units that are know or claimed to accept and plot waypoint info from
the D7.

Hope that helps!

73, Bob

Robert Donnell, KD7NM (425) 741-0999
14507 Madison Way mailto:kd7nm@pugetsound.net
Lynnwood, WA 98037
Western Washington Amateur IP Address Coordinator

-----Original Message-----
From: bounce-htaprs-17767@lists.tapr.org
[mailto:bounce-htaprs-17767@lists.tapr.org]On Behalf Of Larry Simburger
Sent: Monday, June 11, 2001 3:01 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Help with Magellan GPS

HI,
I am new to APRS and could use some help. I fly hot air balloons and I would like to set up a kenwood d7 with garmin 3plus in the hot air balloon and broadcast my flight on aprs. I would like to get my chase vehicle which my wife drives set up with another kenwood d7 connected to a moving map technology device that would let her see both my position being plotted on the moving map, but also hers. She does not have a good sense of navigation and has gotten lost chasing me several times. It would be nice if she had a larger display screen to be able to make sense of the map. I have considered laptops, I would have to purchase one since I do not currently own one. I have considered palm devices, I would have to purchase one which is cheaper than a laptop, however I would still have to purchase a gps for her to see where she is at. So I am considering a larger screen gps. I know were I can pick up a Magellan EC 10X rather inexpensively. From the specs I am able to find it will perform very well as a GPS, but I can not determine if it has the capability for the NMEA data transmission. Or does someone have another solution I have not thought of?

Thanks,
Larry Simburger
425-266-4660 work
lsimburger@yahoo.com

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66. [htaprs] PerlAPRS on Psion?

From: Phil Hunter <ilphayunterhay@yahoo.com>
Date: Mon, 11 Jun 2001 13:54:41 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18065-2001.06.11-16.14.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For Psion owners, I note that PERL (the Practical
Extraction and Reporting Language) is available for
most Psion models (http://www.perl.com/CPAN/ports/)
and there's PerlAPRS (http://w9if.net/iweb/perlaprs
),
so you might investigate/experiment w/ that combo.

I think it's a shame that the Ham community doesn't
do more w/ PERL, and possibly PerlTK. Software
written in PERL can run on 386 & up DOS, Mac's,
Windows, Unix, etc.

73,
phil

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] RE: Unproto path: Texas - California

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Mon, 11 Jun 2001 16:17:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18071-2001.06.11-16.37.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Byron Smith [mailto:wa6ylb@theworks.com]
> Posted At: Monday, June 11, 2001 3:57 PM
> Posted To: APRS High Tech
> Subject: Re: [htaprs] RE: Unproto path: Texas - California
> >
> >Transmissions more often than 3 minutes only tells everybody that I
> >care more about bragging that I can go fast in one direction
> than I do
> >about interfering with transmissions from other stations.
> >
> >
> I agree about the time limit set on WIDE,WIDE etc. But if
> your running a
> tracker setup, such as a KPC3 in a plane, then
> I recommend setting one of the beacon paths/timers to beacon
> without any
> path, really often. Why? Because when you come into
> an area where there actually is someone around, they can
> actually watch you
> circle and go in for a landing, if thats going to happen.
> Else, by only seeing the 3 to 5 minute beacons, you could
> have landed in
> that time, and as far as the peoples screens
> are concerned, that are close to you, they dont know what
> happened to you.

Actually, flying a pattern at approach speed of single engine GA aircraft (70 miles per hour) takes a minimum of 3 minutes from entering downwind to touchdown. If someone is flying cross-country (which is what this thread is about), feel free to change your beacon rate when on approach to an airport. However, I have more important things to do in the cockpit on approach than to mess around with a tracker. Leaving a rapid beacon rate up while enroute is, as I stated before, simply an ego trip and produces intentional interference to a large area. APRS is NOT, in any way, shape, or form, a replacement to filing a flight plan.

If a ground based ham gets concerned because he saw an airplane beacon and then lost the beacon, the ham should consider the speed of the aircraft, how often the aircraft was beaconing, and is there an airfield near the route of flight. I think that it would be better for the ground based amateur to use some common sense than for the airborne amateur to beacon every 30 seconds, interfering with a large area of amateurs. If the excuse for beaconing every minute or 30 seconds is so a ground based ham can see you fly the pattern at the airfield, it might be better to educate the ground based ham in aircraft operations than to interfere with everyone in a 100 mile radius.

FYI: I am speaking from experience. I operate APRS regularly from my Mooney 205 and know what level of interference a rapid beacon rate in the air can cause. I operate APRS so I can make some contacts along the way and ground based amateurs can watch my progress. I don't, in any way, substitute APRS for ATC or FSS.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

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68. [htaprs] Re: How do I ask for tower space for a DIGI or repeater

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 11 Jun 2001 19:10:38 -0400

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18086-2001.06.11-18.30.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are you sure you want to go through all the trouble??? Getting permission
is the only the first step. If you get permission, do you think they'll let
you climb up their tower and install your antenna(s)?? Not likely. For
insurance purposes you'll be forced to get a licensed rigger to do *any*
work (install/repair) on your antenna(s)

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----
From: "Chris McKendry" <n5cwm@yahoo.com>
Subject: [htaprs] How do I ask for tower space for a DIGI or repeater

>
> I have asked two local antenna managers about tower
> space but got the brush-off. (They were cellular type
> antenna towers).
>
> Anyone know how to go about getting tower space? Is
> it common practice for an amateur to get "free" space
> or maybe even pay for the basic power bill? I can use
> all the help I can get!

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69. [htaprs] Re: How do I ask for tower space for a DIGI or repeater

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 11 Jun 2001 18:36:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18091-2001.06.11-18.55.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:46 PM 6/11/01, edoc wrote:

>It is a violation of Federal law for any association to restrict 1 meter
>(approx.) size satellite receiving dishes. If you visit the FCC site the
>legalese is there, as are (I believe) some case law examples.

Although Ronald Reagan signed a bill reiterating the Federal Communications
Act, which specifically enumerates satellite dish ownership, HA's can still
put up barriers that make it almost impossible to install one. I know a
guy in Ohio who lives in a planned community, with mixed condos and single
family dwellings, and he had to take his case all the way to the Ohio
Supreme Court before he was able to install an antenna.   And the only
reason he could afford to go to that length is because he is a
lawyer.   Many people in this planned community couldn't even get cable TV,
because the city had signed a contract with the local cable provider
stating they didn't have to install cable unless they could get x number of
dwellings per linear mile of feeder. The large lots and winding streets
made that impossible...

But getting back to the issue of transmitting antennas...Unless there's an
amateur radio operator on the Condo's board, I wouldn't even bother asking...

I took many years of begging before Metro Phoenix got a decent mountaintop
APRS digipeater.   So don't feel too bad.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: Help with Magellan GPS

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 11 Jun 2001 20:43:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18099-2001.06.11-20.03.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why not just give *her* the Garmin III+ ?? It has the maps built in. I know
the screen is a bit small, but wouldn't there be at least one other person
in the chase car anyway to help out?

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----
From: "Larry Simburger" <lsimburger@yahoo.com>
Subject: [htaprs] Help with Magellan GPS

> I am new to APRS and could use some help. I fly hot air balloons and I
> would like to set up a kenwood d7 with garmin 3plus in the hot air balloon
> and broadcast my flight on aprs. I would like to get my chase vehicle
which
> my wife drives set up with another kenwood d7 connected to a moving map
> technology device that would let her see both my position being plotted on
> the moving map, but also hers. She does not have a good sense of
navigation
> and has gotten lost chasing me several times. It would be nice if she had
a
> larger display screen to be able to make sense of the map. I have
> considered laptops, I would have to purchase one since I do not currently
> own one. I have considered palm devices, I would have to purchase one
which
> is cheaper than a laptop, however I would still have to purchase a gps for
> her to see where she is at. So I am considering a larger screen gps. I
know
> were I can pick up a Magellan EC 10X rather inexpensively. From the specs
I
> am able to find it will perform very well as a GPS, but I can not
determine
> if it has the capability for the NMEA data transmission. Or does someone
> have another solution I have not thought of?

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71. [htaprs] Re: PerlAPRS on Psion?

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Mon, 11 Jun 2001 14:02:00 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-18105-2001.06.11-22.06.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 11 Jun 2001, Phil Hunter wrote:

> For Psion owners, I note that PERL (the Practical
> Extraction and Reporting Language) is available for
> most Psion models (http://www.perl.com/CPAN/ports/)
> and there's PerlAPRS (http://w9if.net/iweb/perlaprs
>),
> so you might investigate/experiment w/ that combo.
>
> I think it's a shame that the Ham community doesn't
> do more w/ PERL, and possibly PerlTK. Software
> written in PERL can run on 386 & up DOS, Mac's,
> Windows, Unix, etc.

I agree. I use Perl for all sorts of things. There's also aprdPerl
and gps.pl on my ftp site:

        ftp://ftp.eskimo.com/u/a/archer

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] Re: PerlAPRS on Psion?

From: Richard Parry <rparry@qualcomm.com>
Date: Mon, 11 Jun 2001 20:05:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18106-2001.06.11-22.24.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I picked a poor name for PerlAPRS, it is not at all similar to WinAPRS or
any of the other APRS clients. It is UNIX/Linux based program for
automation. It won't work with Psion which I don't think runs UNIX.

thanks, W9IF

At 01:54 PM 6/11/2001 -0700, Phil Hunter wrote:
>For Psion owners, I note that PERL (the Practical
>Extraction and Reporting Language) is available for
>most Psion models (http://www.perl.com/CPAN/ports/)
>and there's PerlAPRS (http://w9if.net/iweb/perlaprs
>),
>so you might investigate/experiment w/ that combo.
>
>I think it's a shame that the Ham community doesn't
>do more w/ PERL, and possibly PerlTK. Software
>written in PERL can run on 386 & up DOS, Mac's,
>Windows, Unix, etc.
>
>73,
>phil
>
>
>_____
>Do You Yahoo!?
>Get personalized email addresses from Yahoo! Mail - only $35
>a year! http://personal.mail.yahoo.com/
>
>---
>You are currently subscribed to htaprs as: rparry@qualcomm.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

Rich Parry

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73. [htaprs] RE: Unproto path: Texas - California

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Tue, 12 Jun 2001 06:14:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18144-2001.06.12-06.34.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry Bryon,

This email is used solely for lists. That is why I include my private
email in my signature. I did not see that it was privately sent. I am
posting this, as well, so others will see my apology to you and be aware
that some people use list only emails to help separate the large amount
of email received.

73,

Pete Loveall AE5PL
http://www.ae5pl.net <http://www.ae5pl.net/>
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Byron Smith [mailto:wa6ylb@theworks.com]
> Posted At: Monday, June 11, 2001 11:29 PM

Posted To: APRS High Tech
Conversation: [htaprs] RE: Unproto path: Texas - California
Subject: Re: [htaprs] RE: Unproto path: Texas - California

Funny, as I sent my message to you as a private message, and you saw fit to
publish it and then shoot down what I suggested to do. What did you gain by doing so?
-o-

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74. [htaprs] Re: How to Toggle KISS in Kenwood TH-D7A(g)

From: Robert Hull <rhull@nmsu.edu>
Date: Mon, 11 Jun 2001 18:01:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: APRS <htaprs@tapr.org>
Message-ID: <LYR845-18183-2001.06.12-10.57.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To toggle KISS mode on a TH-D7A(G):
1) connect serial port to PC jack on radio
2) run terminal emulator program on PC with comm settings 9600-8-N-1
3) turn on radio and press TNC button twice - you should get the TNC init text appearing on your PC
4) type a "return" to get a cmd: prompt from the radio
5) type kiss
6) the radio will reply with the current state of the kiss mode
7) type kiss on
8) when finished, type kiss off (my favorite)

RH
KD5KKM

edoc wrote:
>
> This may have been covered before ... I may have missed it ...
>
> Someone told me that he thought there may be a way to toggle
> KISS mode in the D7. While the D7 HT is not as robust as the
> D700 mobile he seemed to think he had heard that KISS was
> possible on the D7, though not documented.
>
> Our Amateur Radio technical specialists here have a specific
> application in mind. Any hints out there, please?
>
> Thanks! & 73, Doc KD4E

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75. [htaprs] GPS V

From: MEWintle@aol.com
Date: Tue, 12 Jun 2001 12:12:54 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18188-2001.06.12-11.32.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ohmygod. A new standard GPS (for motorcycles anyway) seems to have arrived. The only thing it appears to be missing is USB. I hope the street price (HTTP://WWW.TVNAV.COM/navhome.html has the best prices) is better than the list price.

MEW

Subj: [GarminGPSpublic] GPS V
Date: 6/11/01 7:55:35 PM Eastern Daylight Time
From: allory@mac.com (Allory Deiss)
Reply-to: <A HREF="mailto:GarminGPSpublic@yahoogroups.com">

GarminGPSpublic@yahoogroups.com</A>
To: GarminGPSpublic@yahoogroups.com

Garmin Unveils Latest Personal Navigator - GPS V
http://www.garmin.com/pressroom/outdoor/061101.html
Turn-by-turn navigation, more memory make GPS V a great little travel companion

OLATHE, Kan. - Garmin International Inc., a unit of Garmin Ltd. (Nasdaq: GRMN), a leading manufacturer of navigation, communication and information devices, is pleased to introduce the newest member of its GPS Personal Navigator family - the GPS V.

"We have taken the legacy of the popular GPS III Plus and implemented our latest navigation technology to create an extremely powerful tool for travelers of all sorts," said Gary Kelley, director of marketing, Garmin International. "Whether you are driving, boating, hiking, hunting or fishing - the GPS V will give you a clearer picture of your current position and help you reach your intended destination more efficiently."

The GPS V incorporates the same user-friendly design, two-way display, functionality and portability as the GPS III Plus, but it also boasts longer battery life, higher screen resolution, better accuracy, more internal memory, and superior navigation capabilities for drivers.

Business travelers and vacationers will appreciate the convenience of setting the GPS V on the dash of their vehicle, entering a specific location and allowing the device quickly plot a series of turns to reach their point of interest. Audible beeps will alert drivers when they are approaching necessary turns or their final destination, taking away almost all the guesswork of getting around in an unfamiliar city. They can program a route using the built-in basemap on the GPS V or by downloading map data from select MapSource products.

The GPS V is also a memory-rich device, boasting a tenfold increase in internal memory over the GPS III Plus. Its 19 megabytes of memory allow users to store street-level maps from the new MapSource MetroGuide U.S.A. CD-ROM with automatic route generation. The increased memory will also provide look-up capabilities for addresses and points of interests using the dedicated "find" button on the GPS V.

Because the GPS V is enabled to accept enhanced GPS position data from the Wide Area Augmentation System (WAAS), consumers are typically able to see where they are - within 10 feet of their actual location - on a four-level grayscale, moving map display.

Specific features of the GPS V include:

* Automatic route generation for turn-by-turn navigation
* Routable basemap of North and South America contains state/country boundaries, cities, towns, airports, coastlines, lakes, rivers, and U.S., state and interstate highways
* Audible alerts to notify drivers of upcoming turns and approaching destinations
* 19 MB of internal memory for easy storage of detailed maps
* Dedicated 'find' button for address and points of interest look-up on downloaded maps
* WAAS capability for better position accuracy (within 10 feet)
* High-contrast display (160 x 256 pixels)
* Backlit display and keypad
* Compact, lightweight design: weighs just nine ounces
* Waterproof construction to IPX 7 immersion standards
* Long battery life: 25 hours typical use on four AA batteries
* Stores up to 500 waypoints
* Animated graphics that help identify saved waypoints

The GPS V is expected to be available in the third quarter of 2001 at a suggested retail price of $535.70. It will ship standard with the routable MapSource MetroGuide U.S.A. CDs, PC interface cable, power cable, automotive mount, adhesive mount, lanyard, owner's manual and quick-start guide.

For Garmin GPS and accessories go to HTTP://WWW.TVNAV.COM/navhome.html

To be removed from this list send a blank email to

GarminGPSpublic-unsubscribe@egroups.com. To join the WWW.TVNAV.COM
announcement list only send a blank email to GarminGPS-subscribe@egroups.com.
(There is no need to subscribe to both lists as I post the announcements to
both lists.) Thanks.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] Re: [Robert Hull] Re: How to Toggle KISS in Kenwood TH-D7A(g)

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 12 Jun 2001 16:03:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, APRS <htaprs@tapr.org>
Message-ID: <LYR845-18217-2001.06.12-16.23.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>To toggle KISS mode on a TH-D7A(G):
>1) connect serial port to PC jack on radio
>2) run terminal emulator program on PC with comm settings 9600-8-N-1
>3) turn on radio and press TNC button twice - you should get the TNC
>init text appearing on your PC
>4) type a "return" to get a cmd: prompt from the radio
>5) type kiss
>6) the radio will reply with the current state of the kiss mode
>7) type kiss on
>8) when finished, type kiss off (my favorite)

I have found that I need to also issue the "restart" command before it
actually took effect.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

77. [htaprs] Re: How to Toggle KISS in Kenwood TH-D7A(g)

From: Bill Vodall <wa7nwp@yahoo.com>
Date: Tue, 12 Jun 2001 14:14:32 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18219-2001.06.12-16.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> >8) when finished, type kiss off (my favorite)

If KISS is on, the TNC is no longer in text mode so you
can't issue text commands to it.

I believe the D7 and D700 go out of KISS if power is
cycled. (This is not a good feature.)

The standard KISS packet to turn off KISS mode is
 192 255 192 which can be sent from a standard PC
keyboard using the ALT ### trick.

KISS OFF worked on some TNC's to turn off the KISS
mode so the next restart wouldn't put it back in
to KISS.

Bill - WA7NWP

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail - only $35
a year! http://personal.mail.yahoo.com/

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78. [htaprs] Re: Logging just one station (wouldn't grep be easier)

From: "KD5MHM @ kd5mhm.org" <kd5mhm@kd5mhm.org>
Date: Tue, 12 Jun 2001 18:13:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18245-2001.06.12-18.34.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The old standby DOS command "Find" can cull out text records from one file
(or multiple files) into new ones, and can even be used to append records to
the end of existing files to help build a 'history' over several time
period's worth of files... It can be used to reject records as well... It
can number the records as well...

Combined with the the old DOS Sort command, many "amazing" things can be
done. Like Ham Radio, experimentation is the key!

For a quick quick-reference on these commands, try:
Find /?
Sort /?

Old Norton Utilities also had "TS" - text search, which was a port of grep.

Of course, I've always enjoyed the power of grep, but other OS's have always
had some similar tools too, even if they weren't as powerful...

----- Original Message -----
From: "James Jefferson" <jjeffers@deskmedia.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, May 05, 2001 2:50 PM
Subject: [htaprs] Logging just one station (wouldn't grep be easier)

>
> >I have in the past, did as you say, log single stations as txt files.
You
> >can take multiple files and cut & paste them into a single file in word.
>
> why not just use:
> grep -y callsign > output.txt
>
> Windows people are so silly! (yes, you should be able to find a command
> line version of grep pretty easily)
>
> -James Jefferson KB0THN
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] RE:GPS V

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Wed, 13 Jun 2001 14:46:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18367-2001.06.13-16.12.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

MEWintle@aol.com wrote:

> I hope the street price (
>HTTP://WWW.TVNAV.COM/navhome.html has the best prices) is better than the
>list price.

This helps explain it:

>It will ship standard with the routable MapSource MetroGuide U.S.A. CDs,

Compare to the total of the list prices of the III+ and the CD. It might
even a relative bargain in the street price: Garmin's web page has the III+

MSRP as being $571.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] Re: Logging just one station (wouldn't grep be easier)

From: Phil Hunter <ilphayunterhay@yahoo.com>
Date: Wed, 13 Jun 2001 14:26:54 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18371-2001.06.13-16.46.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Since this subject has come up again, I'll take
the opportunity to put in another plug for Perl.
Text processing is Perl's bread-n-butter, parsing
log files is a common use of the language.

Also, the "Perl Power Tools" are a collection of
most of the "classic" Unix commands such as grep
and awk rewritten in Perl for portability to other
platforms, etc.

http://www.perl.com/pub/language/ppt/index.html

73,
phil

_____
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a year! http://personal.mail.yahoo.com/

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81. [htaprs] Fw: Re: [aprssig] ISS and APRS (fwd)

From: "Keith Parker" <kb8zkh@bright.net>
Date: Wed, 13 Jun 2001 22:31:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18414-2001.06.13-22.55.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Keith Parker" <kb8zkh@bright.net>
To: <MEWintle@aol.com>
Sent: Monday, June 11, 2001 7:54 PM
Subject: Re: [htaprs] Re: [aprssig] ISS and APRS (fwd)

> Hey I have a D7 too and I use it for my Satellite radio. operating UO-14
and
> AO-27
> is cake with this little gem. These two are FM birds just hook up a small
> beam antenna,
> like the Arrow dual band satellite beam point it in the direction (you
hold
> it) that the
> satellite is going to rise and track from there. You should use an
earphone
> and not the
> speaker on the radio (I use an MFJ boom Mic about $15.00).   Put the radio
> in Duplex
> mode (just press the Dup key). Set the Balance on the speaker to just
hear
> the B (UHF)band
> (the BAL key). Now you're ready to talk to the birds. You'll catch onto
> adjusting the receive
> for Doppler shift, just make sure you switch back to the A band to
transmit.
> The freqs up are
> on 2 meters and downlink is on 70cm. You can also use a mobile antenna

for
> this too it's
> just not as effective. oh yeh the frequencies..........
> AO-27   145.850 UPLINK   and   436.795 DOWNLINK
> UO-14   145.975   "   "   435.070   "
>
> You can go to http://www.heavens-above.com/main.aspn to get the times of
> when the sats will be flying by your area.....
> Good luck!
> Keith Parker, 32°
> AB8CL
>
> ----- Original Message -----
> From: <MEWintle@aol.com>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Monday, June 11, 2001 11:54 AM
> Subject: [htaprs] Re: [aprssig] ISS and APRS (fwd)
>
>
> > I'm just getting started in Ham. I have a D7 and I was able to get it
> working
> > for APRS pretty quickly. And one of the first things I saw was the posit
> on
> > the ISS! Now that was an unexpected thrill. I showed it around and
shared
> it
> > with the guy who's been teaching me and he joked that I had exceeded
him.
> >
>
>

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82. [htaprs] RE: Help with Magellan GPS

From: Phillip Clark <pbclark1@attglobal.net>
Date: Fri, 15 Jun 2001 20:39:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18789-2001.06.15-23.01.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The latest software version of the Street Pilot III, the GPS III+, and the eTrex
Vista also accept and plot waypoint info from the D7.

Phil   KD6SP

Bob Donnell wrote:

>
> To my knowledge, the GPS II, GPS III, some GPS 12's, and the GPS 162 are the
> only units that are know or claimed to accept and plot waypoint info from
> the D7.
>
> Hope that helps!
>
> 73, Bob
>
> --

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83. [htaprs] TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Phillip Clark <pbclark1@attglobal.net>
Date: Fri, 15 Jun 2001 20:56:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18791-2001.06.15-23.18.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone heard any rumors, facts, or etc about a possible new HT like
the TH-D7 that would have a built-in GPS with screen display like a
Garmin Vista or GPS-V.   I would like to replace my TH-D7 and eTrex

Vista (cabled together) with one unit. Be perfect APRS station for
walking, hiking, etc. After all, I read about cell phones coming with
GPS. Perhaps, one could be built into an extended battery pack for the
TH-D7.

Phil KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

84. [htaprs] RE: Help with Magellan GPS

From: Walter Dunckel <walter@radiohound.com>
Date: Fri, 15 Jun 2001 21:31:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18794-2001.06.15-23.45.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Garmin Emap also works with new or upgraded software.

Walter

Phillip Clark wrote:

> The latest software version of the Street Pilot III, the GPS III+, and the eTrex
> Vista also accept and plot waypoint info from the D7.
>
> Phil   KD6SP
>
> Bob Donnell wrote:
>
> >
> > To my knowledge, the GPS II, GPS III, some GPS 12's, and the GPS 162 are the
> > only units that are know or claimed to accept and plot waypoint info from
> > the D7.

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85. [htaprs] RE: Help with Magellan GPS

From: "Mike Edwards" <medwardsz28@cfl.rr.com>
Date: Sat, 16 Jun 2001 08:06:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18822-2001.06.16-07.27.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

And the Legend.. I have my D7G set to 9 digits NMEA.. The only part I don't
like is having to delete the stations one by one when i'm done having fun.
There is a way around that though. I should go assign icons other than the
dot to all my other waypoints. Then I could delete by symbol.

Mike KE4YGT

From: Walter Dunckel <walter@radiohound.com>

> Garmin Emap also works with new or upgraded software.
> Walter

> > The latest software version of the Street Pilot III, the GPS III+, and
the eTrex
> > Vista also accept and plot waypoint info from the D7.
 > Phil   KD6SP

> > Bob Donnell wrote:
> > > To my knowledge, the GPS II, GPS III, some GPS 12's, and the GPS 162
are the
> > > only units that are know or claimed to accept and plot waypoint info
from
> > > the D7.

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86. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "Jerome M. Kutche" <n9lya@blueriver.net>
Date: Sat, 16 Jun 2001 14:39:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18866-2001.06.16-14.59.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why not they make Wrist Watches with GPS... I too have heard rumors of a
THD7 Like radio with built in GPS.... Maybe soon..

73 Jerry
----- Original Message -----
From: "Phillip Clark" <pbclark1@attglobal.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, June 15, 2001 10:56 PM
Subject: [htaprs] TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

> Has anyone heard any rumors, facts, or etc about a possible new HT like
> the TH-D7 that would have a built-in GPS with screen display like a
> Garmin Vista or GPS-V. I would like to replace my TH-D7 and eTrex
> Vista (cabled together) with one unit. Be perfect APRS station for
> walking, hiking, etc. After all, I read about cell phones coming with
> GPS. Perhaps, one could be built into an extended battery pack for the
> TH-D7.
>
> Phil KD6SP
>
>
> ---
> You are currently subscribed to htaprs as: n9lya@blueriver.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

87. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "edoc" <edoc@citicom.com>
Date: Sat, 16 Jun 2001 19:49:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18901-2001.06.16-19.12.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There is no reason that they cannot ... indeed I have been agitating for
a Diamond Mako http://www.diamondmako.com/ style computer
where they put just the display and keyboard on the forearm and
the rest clipped to the belt ... same could be done with the RF part
of the D7, GPS, etc ... plus a camera could be mounted on a wristband
on the right arm.

Guess we have to be patient and wait for them to figure out that
there is a real market for these things ... and make them.

73, Doc KD4E

> Why not they make Wrist Watches with GPS... I too have heard rumors of a
> THD7 Like radio with built in GPS.... Maybe soon..
>
> 73 Jerry
>
> > Has anyone heard any rumors, facts, or etc about a possible new HT like
> > the TH-D7 that would have a built-in GPS with screen display like a
> > Garmin Vista or GPS-V. I would like to replace my TH-D7 and eTrex
> > Vista (cabled together) with one unit. Be perfect APRS station for
> > walking, hiking, etc. After all, I read about cell phones coming with
> > GPS. Perhaps, one could be built into an extended battery pack for the
> > TH-D7.
> >
> > Phil KD6SP

> >
> >
> > ---
> > You are currently subscribed to htaprs as: n9lya@blueriver.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: kd4e@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: Russian KARAT-M 1730khz HT

From: "edoc" <edoc@citicom.com>
Date: Sat, 16 Jun 2001 20:10:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-18905-2001.06.16-19.33.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Milstuf" <milstuf@home.com>
> Just listed KARAT-M russian radio it is 1730 khz thanks for looking
> Carl

Carl,

   Have you poked around in this thing to see if it may easily be retuned
to 160m? Sure wouldn't be good to have a bunch of those things out
there QRMing the AM broadcast band! :-)

   Gee, you think we could run htaprs on 160m? Giggle.

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

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89. [htaprs] RE: Help with Magellan GPS

From: Ben Woodard <ben@valinux.com>
Date: Mon, 18 Jun 2001 09:10:45 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19123-2001.06.18-11.52.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the legend as well and the way that I work around that problem
is I save the waypoints that I really want to keep as favorites and
that splits them out nicely from the other waypoints. Then I use
mapsource to get rid of all the ones that I don't want to keep.

> And the Legend.. I have my D7G set to 9 digits NMEA.. The only part I don't
> like is having to delete the stations one by one when i'm done having fun.
> There is a way around that though. I should go assign icons other than the
> dot to all my other waypoints. Then I could delete by symbol.
>
> Mike KE4YGT
>

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~~~~~~

90. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Phillip Clark <pbclark1@attglobal.net>
Date: Mon, 18 Jun 2001 22:14:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19252-2001.06.19-00.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If this forum is any indication of the popularity in the TH-D7 and APRS,
I would think there would be plenty of demand.

Phil KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

91. [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

From: "Kutche, Jerry" <JKutche@lehighcement.com>
Date: Tue, 19 Jun 2001 07:26:36 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'sales@kenwood.com'" <sales@kenwood.com>
Message-ID: <LYR845-19267-2001.06.19-06.42.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I want two (minimum) with built in GPS great for traking a number of
things... Maybe Kenwood is listening!!!
\
73 Jerry N9LYA

----- Original Message -----
From: "Phillip Clark" <pbclark1@attglobal.net
<mailto:pbclark1@attglobal.net>>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org
<mailto:htaprs@lists.tapr.org>>
Sent: Tuesday, June 19, 2001 12:14 AM
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

> If this forum is any indication of the popularity in the TH-D7 and APRS,
> I would think there would be plenty of demand.
>
> Phil KD6SP
>
>
> ---
> You are currently subscribed to htaprs as: n9lya@blueriver.net
<mailto:n9lya@blueriver.net>
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<mailto:leave-htaprs-845T@lists.tapr.org>
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
<mailto:wa1lou@tapr.org>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] Re: TH-D7

From: "Randy Allen - KA□AZS" <ka0azs@commkey.net>
Date: Tue, 19 Jun 2001 07:44:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19273-2001.06.19-07.04.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I second that. I'd also like to see a MONO-band HT/GPS/TNC/APRS
combination without the added expense that a dual band entails. Leave off
all of the extraneous bells and whistles (out of band recieve, SKY COMMAND,
etc.)to keep the price down.

 I'd even be happy with a cheap(er) 2M mono-band version of the TH-D7
without the GPS to build trackers around.

----- Original Message -----

From: Kutche, Jerry <JKutche@lehighcement.com>
Sent: Tuesday, June 19, 2001 7:26:36 AM
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

> I want two (minimum) with built in GPS great for traking a number of
> things... Maybe Kenwood is listening!!!
> \
> 73 Jerry N9LYA
>

Randy Allen, KA□AZS
Asst. EC Montgomery CO Ohio
OH Dist 3 ARES Web Page
www.qsl.net/ohd3ares

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

From: "lloyd mitchell" <lloydm75@hotmail.com>
Date: Tue, 19 Jun 2001 07:46:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: sales@kenwood.com
Message-ID: <LYR845-19274-2001.06.19-07.06.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

YES!!! I'll take one too. PS it should have a external antenna connection
for the GPS and the RF...(so the unit can be in a protected location.

Lloyd KD4HTW

----Original Message Follows----
From: "Kutche, Jerry" <JKutche@lehighcement.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
CC: "'sales@kenwood.com'" <sales@kenwood.com>
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????
Date: Tue, 19 Jun 2001 07:26:36 -0400

I want two (minimum) with built in GPS great for traking a number of
things... Maybe Kenwood is listening!!!
\
73 Jerry N9LYA

----- Original Message -----
From: "Phillip Clark" <pbclark1@attglobal.net
<mailto:pbclark1@attglobal.net>>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org
<mailto:htaprs@lists.tapr.org>>
Sent: Tuesday, June 19, 2001 12:14 AM
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

 > If this forum is any indication of the popularity in the TH-D7 and APRS,
 > I would think there would be plenty of demand.
 >
 > Phil KD6SP
 >
 >
 > ---
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<mailto:leave-htaprs-845T@lists.tapr.org>
 > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
<mailto:wa1lou@tapr.org>

You are currently subscribed to htaprs as: lloydm75@hotmail.com
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_____
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

From: "Kutche, Jerry" <JKutche@lehighcement.com>
Date: Tue, 19 Jun 2001 07:57:28 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: sales@kenwood.com
Message-ID: <LYR845-19285-2001.06.19-07.13.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes I agree...

Jerry

-----Original Message-----
From: lloyd mitchell [mailto:lloydm75@hotmail.com]
Sent: Tuesday, June 19, 2001 6:46 AM
To: JKutche@lehighcement.com; htaprs@lists.tapr.org
Cc: sales@kenwood.com
Subject: Re: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

YES!!! I'll take one too. PS it should have a external antenna connection
for the GPS and the RF...(so the unit can be in a protected location.

Lloyd KD4HTW

----Original Message Follows----
From: "Kutche, Jerry" <JKutche@lehighcement.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
CC: "'sales@kenwood.com'" <sales@kenwood.com>
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????
Date: Tue, 19 Jun 2001 07:26:36 -0400

I want two (minimum) with built in GPS great for traking a number of
things... Maybe Kenwood is listening!!!
\
73 Jerry N9LYA

----- Original Message -----
From: "Phillip Clark" <pbclark1@attglobal.net
<mailto:pbclark1@attglobal.net>>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org
<mailto:htaprs@lists.tapr.org>>
Sent: Tuesday, June 19, 2001 12:14 AM
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in GPS ????

> If this forum is any indication of the popularity in the TH-D7 and APRS,
> I would think there would be plenty of demand.
>
> Phil KD6SP
>
>
> ---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

_____
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Decoding data on findu

From: Norman Huber <n9zks@earthlink.net>
Date: Tue, 19 Jun 2001 12:17:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19353-2001.06.19-12.38.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got asked what the data after the @ was and i could not identify it.
What is it, or better, is there a url with a good description of the
data as it is parsed out? There are too many digits for it to be only
altitude.
--
---- Norm - N9ZKS
---- Motorcyclist, Bicyclist, Ham, Scouter
---- '87 GoldWing Interstate - Lagniappe Too
---- 30,000 miles - Laissez Les Bon Temps Roulez
---- GWRRA Region M Chapter J / Chapter Z
---- http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7
---- For a picture http://www.hondagoldwings.com/Gallery19.htm

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] Kenwood '700 "How do I...?"

From: "Jim Keesler" <jimkeesl@iserv.net>
Date: Tue, 19 Jun 2001 22:23:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19462-2001.06.19-21.44.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Help--I created a '700 problem and can't clear it!

Somehow I accidently got a memory channel in a non-standard shift, with the "+" over "-" symbol---now
how do I get rid of it?

Tried re-saving a standard shift (and even simplex) setup but everytime I return to that particular
memory shows the above non-standard shift symbol. The book tells how to create a non-standard shift but
 not how to clear it! Also tried to clear just that memory but doing what I think the book says doesn't
 touch it. I'd rather not do a total reset unless I have to! Yes, I'm programming from the panel and
not from a computer....

Thanks for any ideas!

Jim, K8EXF

97. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Jon Ogden <na9d@mindspring.com>
Date: Tue, 19 Jun 2001 22:15:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19467-2001.06.19-22.35.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This was something that I first thought would be cool when I first got my
TH-D7A. All someone needs to do is to make a GPS unit that would slide on
the back of the TH-D7A where the battery is. A little pig tail into the GPS
input on the D7 and viola! there we have it. The D7 battery would then snap
onto the back of the GPS unit. The GPS unit would have a quad filar helix
antenna that could be rotated up or down depending on how you hold the HT.

Sounds great. The problem is battery life.

My Garmin GPS-12XL eats batteries. I am sure the newer GPS units are more
efficient, but still, they eat batteries. The TH-D7A eats them too.
Combine both and run from the same pack and you'll get little operating time
I am afraid.

Still it's a cool idea.

73,

Jon
NA9D

on 6/15/01 10:56 PM, Phillip Clark at pbclark1@attglobal.net wrote:

> Has anyone heard any rumors, facts, or etc about a possible new HT like
> the TH-D7 that would have a built-in GPS with screen display like a
> Garmin Vista or GPS-V. I would like to replace my TH-D7 and eTrex
> Vista (cabled together) with one unit. Be perfect APRS station for
> walking, hiking, etc. After all, I read about cell phones coming with
> GPS. Perhaps, one could be built into an extended battery pack for the
> TH-D7.
>
> Phil KD6SP
>
>
> ---
> You are currently subscribed to htaprs as: na9d@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] Re: Kenwood '700 "How do I...?"

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 20 Jun 2001 08:15:42 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-19562-2001.06.20-07.35.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Help--I created a '700 problem and can't clear it!

I got one too. When I put my D700 in PACKET mode, about every 10 seconds
it sends a "%4" to the TNC and clutters up the screen and my data
captures.

That would seem to be the time frame when it would ask the TNC CPU for a
GPS report, but the GPS menu is OFF...?

Bob

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99. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "Richard Carter" <rich.carter@windriver.com>
Date: Wed, 20 Jun 2001 10:21:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19574-2001.06.20-09.42.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The problem is more than battery life. Small sensors have compromises in
their antenna designs. To work properly, the antenna needs an unobstructed
view of the sky. If the HT is held out or left on an open table, the

attached GPS might lock on to 4 or more satellites and give you a good fix.
If you clipped it to your belt, or put it inside a leather case, it may be
less reliable.

Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Jon Ogden
Sent: Tuesday, June 19, 2001 11:16 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS
????

This was something that I first thought would be cool when I first got my
TH-D7A. All someone needs to do is to make a GPS unit that would slide on
the back of the TH-D7A where the battery is. A little pig tail into the GPS
input on the D7 and viola! there we have it. The D7 battery would then snap
onto the back of the GPS unit. The GPS unit would have a quad filar helix
antenna that could be rotated up or down depending on how you hold the HT.

Sounds great. The problem is battery life.

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efficient, but still, they eat batteries. The TH-D7A eats them too.
Combine both and run from the same pack and you'll get little operating time
I am afraid.

Still it's a cool idea.

73,

Jon
NA9D

on 6/15/01 10:56 PM, Phillip Clark at pbclark1@attglobal.net wrote:

> Has anyone heard any rumors, facts, or etc about a possible new HT like
> the TH-D7 that would have a built-in GPS with screen display like a
> Garmin Vista or GPS-V.   I would like to replace my TH-D7 and eTrex
> Vista (cabled together) with one unit. Be perfect APRS station for
> walking, hiking, etc. After all, I read about cell phones coming with
> GPS. Perhaps, one could be built into an extended battery pack for the
> TH-D7.
>
> Phil KD6SP
>
>
> ---
> You are currently subscribed to htaprs as: na9d@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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100. [htaprs] GPS nabs bad guy

From: "CyberCop" <cybercop@snet.net>
Date: Wed, 20 Jun 2001 15:31:16 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19622-2001.06.20-14.51.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is not specifically an APRS story but it is close.

I work for a local police department. Today, we received a call that a public works truck from a neighboring town had been stolen and was heading toward the town I work in. Several of our officers went into the area of town where the public works truck was heading. Unknown to the thief, the public works truck was equipped with a GPS tied into an automatic vehicle location system. In the public works office, they were able to relay the vehicles exact location and speed to us. The bad guy dumped the truck he stole and we easily located it in the back of an abandoned house. Once we had the truck, we could not use the GPS system to track the bad guy. For that, we turned to a less technical method. a non-GPS equipped police K9. We found the thief hiding in the basement of a house he broke into after dumping the truck.

I guess I will make sure my D700 always powers up when the car starts from now on. Finding all bad guys should be this easy.

Jim
N1GTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

101. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Phillip Clark <pbclark1@attglobal.net>
Date: Wed, 20 Jun 2001 15:00:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19643-2001.06.20-17.23.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If Kenwood or someone really does make something like this, I would prefer that it be a dual VFO, extended receive unit like the D7 with all the same bells and whistles. I am not looking for cheap; I am looking for convenient, full-function. If it has to be a little larger, and have a larger battery pack, so be it. It would still be better than having to handle two separate units with a cable. (I know it would not have to be as big as some of the early HT's that we all though were so small at the time.) It could have a built-in GPS antenna as well as an external antenna connector so one could put a little patch antenna in his hat or on his shoulder if need be. It could have a "quick-connect" cable connector for in-car use with power and antenna connections.

And for heaven's sake, put a BNC antenna connector on it instead of that lame SMA connector. What ever caused Kenwood to use SMA on an HT this size, I'd like to know. I know it makes some sense on a very small pocket radio, but these connectors were NEVER designed to be used for something like an antenna! I know that there are adapters (I have one), but has anyone replaced the SMA connector itself with a BNC ???

The new Garmin etrex units are pretty easy on power, and one could always turn off the display when it isn't needed. The electronics inside these must be so tiny. The 2 AA batteries takeup most of the space.

Besides, it would make a nice, convenient, easily hidden Tracker if someone wanted to protect their car from theft or hijack.

I don't see whats stopping them.

Phil KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] Re: GPS nabs bad guy

From: Jack Chomley <chomley@telelink.com.au>
Date: Thu, 21 Jun 2001 07:52:40 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19646-2001.06.20-17.42.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:31 PM 6/20/01 -0400, CyberCop wrote:
>This is not specifically an APRS story but it is close.
>
>I work for a local police department. Today, we received a call that a
>public works truck from a neighboring town had been stolen and was heading
>toward the town I work in. Several of our officers went into the area of
>town where the public works truck was heading. Unknown to the thief, the
>public works truck was equipped with a GPS tied into an automatic vehicle
>location system. In the public works office, they were able to relay the
>vehicles exact location and speed to us. The bad guy dumped the truck he
>stole and we easily located it in the back of an abandoned house. Once we
>had the truck, we could not use the GPS system to track the bad guy. For
>that, we turned to a less technical method. a non-GPS equipped police K9.
>We found the thief hiding in the basement of a house he broke into after
>dumping the truck.
>
>I guess I will make sure my D700 always powers up when the car starts from
>now on. Finding all bad guys should be this easy.
>
>Jim
>N1GTL

When the microchip GPS with beacon radio transmitter embedded,
injected into the ear lobe of EVERY human being, powered by a chemical
reaction from the host's blood enzymes :-)

Jack Chomley
VK4JRC

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103. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Ben Woodard <ben@valinux.com>
Date: Wed, 20 Jun 2001 15:27:46 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19648-2001.06.20-18.09.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> And for heaven's sake, put a BNC antenna connector on it instead of that lame
> SMA connector. What ever caused Kenwood to use SMA on an HT this size, I'd like
> to know. I know it makes some sense on a very small pocket radio, but these
> connectors were NEVER designed to be used for something like an antenna! I know
> that there are adapters (I have one), but has anyone replaced the SMA connector
> itself with a BNC ???
>

Why do yoiu like the BNC's? The SMA makes so much more of a secure connection and it doesn't pop off
when you brush it sideways the way that the bnc has a tendency to do?

-ben

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] Re: GPS nabs bad guy

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Wed, 20 Jun 2001 15:49:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-19649-2001.06.20-18.10.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have this ringing in my ear. <g>

> <snip>
>
> When the microchip GPS with beacon radio transmitter embedded,

> injected into the ear lobe of EVERY human being, powered by a chemical
> reaction from the host's blood enzymes :-)
>
> Jack Chomley
> VK4JRC
>
> ---
> You are currently subscribed to htaprs as: kf6hjo@earthlink.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N 11940.50W   144.39Mhz
       Selma Ca.   {APRS Weather & GPS Tracker}
    SKYWARN member Hanford Ca. NWS
              DOSAPRS/WAPRS/APRS+SA
  Want to find my truck? http://www.findu.com/cgi-bin/find.cgi?kf6hjo-9

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] Re: GPS nabs bad guy

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Wed, 20 Jun 2001 18:49:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19657-2001.06.20-19.09.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:52 PM 6/20/01, Jack Chomley wrote:

>When the microchip GPS with beacon radio transmitter embedded,
>injected into the ear lobe of EVERY human being, powered by a chemical
>reaction from the host's blood enzymes :-)

Ear lobes are too easy to cut off. The chip will be (or already is)
imbedded in the shoulder blade...   :)

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] Re: GPS nabs bad guy

From: "Jerome M. Kutche" <n9lya@blueriver.net>
Date: Wed, 20 Jun 2001 18:58:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19658-2001.06.20-19.18.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Why not next to Brain Stem... I'd be too tempted to cut off my entire
shoulder... ;)
----- Original Message -----
From: "Mark Fellhauer" <sparkfel@qwest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, June 20, 2001 6:49 PM
Subject: [htaprs] Re: GPS nabs bad guy

> At 04:52 PM 6/20/01, Jack Chomley wrote:
>
> >When the microchip GPS with beacon radio transmitter embedded,
> >injected into the ear lobe of EVERY human being, powered by a chemical
> >reaction from the host's blood enzymes :-)
>
> Ear lobes are too easy to cut off. The chip will be (or already is)
> imbedded in the shoulder blade...   :)
>

> 73,
>
> Mark
> KC7BXS
>
>
> ---
> You are currently subscribed to htaprs as: n9lya@blueriver.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] Re: GPS nabs bad guy

From: Benjamin Ng <benjamin@ngfamily.net>
Date: Wed, 20 Jun 2001 17:08:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19660-2001.06.20-19.29.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could someone just wear another transmitter to wipe out the signal going
out or just desense the gps antenna somehow so it is not reporting the
correct position?? This way, nothing need to be cut or scarified.

At 04:58 PM 6/20/2001, Jerome M. Kutche wrote:
>Why not next to Brain Stem... I'd be too tempted to cut off my entire
>shoulder... ;)
>----- Original Message -----
>From: "Mark Fellhauer" <sparkfel@qwest.net>
>To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>Sent: Wednesday, June 20, 2001 6:49 PM
>Subject: [htaprs] Re: GPS nabs bad guy
>
>
> > At 04:52 PM 6/20/01, Jack Chomley wrote:
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> > >When the microchip GPS with beacon radio transmitter embedded,
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> >
> > Ear lobes are too easy to cut off. The chip will be (or already is)
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> >
> > 73,
> >
> > Mark
> > KC7BXS
> >
> >
> > ---
> > You are currently subscribed to htaprs as: n9lya@blueriver.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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>
>
>---
>You are currently subscribed to htaprs as: kk7ben@arrl.net
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>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: robhanson@juno.com
Date: Wed, 20 Jun 2001 19:47:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19686-2001.06.20-23.33.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A TNC is the connector you want.
Does not tip.
Same size and durability as a BNC

73 ... Rob ... W6RH

On Wed, 20 Jun 2001 15:27:46 -0700 Ben Woodard <ben@valinux.com> writes

> Why do yoiu like the BNC's? The SMA makes so much more of a secure
> connection and it doesn't pop off when you brush it sideways the way
> that the bnc has a tendency to do?
>
> -ben
>
> ---
> You are currently subscribed to htaprs as: robhanson@juno.com
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> leave-htaprs-845T@lists.tapr.org
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> wa1lou@tapr.org
>
>

_____
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109. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "edoc" <kd4e@arrl.net>
Date: Thu, 21 Jun 2001 08:46:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19727-2001.06.21-08.09.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, what I'd like to see is a three-lock BNC. The two lock
design does lend itself to movement.

The TNC suffers one of the same drawbacks as the SMC and
UHF, threaded ... thus slower to connect and remove ... HT's
are portable application devices and thus antennas are frequently
swapped.

IMHO ... 73, Doc KD4E

> A TNC is the connector you want.
> Does not tip.
> Same size and durability as a BNC
>
> 73 ... Rob ... W6RH

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110. [htaprs] Re: BMC / TNC / SMC

From: MEWintle@aol.com
Date: Thu, 21 Jun 2001 11:51:30 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19765-2001.06.21-11.11.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 6/21/01 8:52:41 AM Eastern Daylight Time, kd4e@arrl.net
writes:

> The TNC suffers one of the same drawbacks as the SMC and
> UHF, threaded ... thus slower to connect and remove ... HT's
> are portable application devices and thus antennas are frequently
> swapped.

That makes sense, but what is the db loss on a BNC vs others? On an HT you
want the quick-release, but you also can't afford to loose you precious
power, since you have so little to play with.

I was just reading a web page about how much loss there is on an N-Connector
vs a 7/16 DIN. Compared to both of these I imagine a BMC is like a leaky
spigot of RF.

:)

http://www.andrew.com/products/article/cmkr0003.asp

W2MEW
(I a complete newbie, so please don't think I know what I'm talking about!)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

111. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 21 Jun 2001 12:18:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19777-2001.06.21-12.39.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:46 AM 6/21/01, edoc wrote:

>Actually, what I'd like to see is a three-lock BNC. The two lock
>design does lend itself to movement.

Just what we need...another connector...

>The TNC suffers one of the same drawbacks as the SMC and
>UHF, threaded ... thus slower to connect and remove ... HT's
>are portable application devices and thus antennas are frequently
>swapped.

Holy cow, just how fast do you have to remove an antenna? That extra 6
seconds really cuts into a lifetime. :)

I had some RS CB walkie talkies that used the TNC connector, and they never
bothered me.

73,

Mark

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

112. [htaprs] Re: BMC / TNC / SMC

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 21 Jun 2001 12:39:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19781-2001.06.21-13.00.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:51 AM 6/21/01, MEWintle@aol.com wrote:

>That makes sense, but what is the db loss on a BNC vs others? On an HT you
>want the quick-release, but you also can't afford to loose you precious
>power, since you have so little to play with.

In the grand scheme of things, a coupler on a direct-connect antenna on an
HT makes very little difference. As long as it's rated for the for the
frequency and doesn't cause too much of an impedence bump, I doubt you
could measure the difference.

>I was just reading a web page about how much loss there is on an N-Connector
>vs a 7/16 DIN. Compared to both of these I imagine a BMC is like a leaky
>spigot of RF.

I hope the industry doesn't want to put these on HT's! :) The article
does a pretty good job at explaining why these 7/16 DIN connectors are
superior for microwave and near microwave frequencies and high data
rates. Things we are generally not concerned about when using HT's or even

general ham gear.

73,

Mark
KC7BXS

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113. [htaprs] Alpha

From: MEWintle@aol.com
Date: Thu, 21 Jun 2001 13:52:59 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: zim@z-space.net
Message-ID: <LYR845-19783-2001.06.21-13.13.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So I successfully got a "MY POSITION" response from the ISS on my D7 HT with
Comet SMA24 0.43m antenna. Neat.

I used an APRS path of ISS, WIDE but didn't make findu.com. Should I use a
Wide2-2 or something?

I tried working UO-14 on FM phone too. I was able to hear pretty well, and
deal with the Doppler shift without too much difficulty. But I couldn't hit
it for some reason. According to the web page I read that particular antenna
should be just fine. I'm going to try again soon.

I notice that I'm not seeing the satellite pass predictions (mini web pages
as Bob calls them) on APRS anymore. Did those get turned off just as I was
entering the hobby?

:(

MEW

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114. [htaprs] Re: Alpha

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 21 Jun 2001 15:36:57 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>, zim@z-space.net
Message-ID: <LYR845-19798-2001.06.21-14.57.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 21 Jun 2001 MEWintle@aol.com wrote:

> So I successfully got a "MY POSITION" response from the ISS on my D7 HT with
> Comet SMA24 0.43m antenna. Neat.
> <SNIP>
> I notice that I'm not seeing the satellite pass predictions (mini web pages
> as Bob calls them) on APRS anymore. Did those get turned off just as I was
> entering the hobby?

Where are you. I am still feeding them, so it may be that your local
APRSdata server is down. To see all the areas covered by an APRSdata
server see the SATINFO page below...

 de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://web.usna.navy.mil/~bruninga/iss-faq.html
PCsat Design   http://web.usna.navy.mil/~bruninga/pcsat.html
CUBESAT Designs   http://web.usna.navy.mil/~bruninga/cubesat.html
SATINFO   http://web.usna.navy.mil/~bruninga/satinfo.html
APRS SATELLITES   http://web.usna.navy.mil/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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115. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Phillip Clark <pbclark1@attglobal.net>
Date: Thu, 21 Jun 2001 12:45:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19800-2001.06.21-15.08.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben Woodard wrote:

> > And for heaven's sake, put a BNC antenna connector on it instead of that lame
> > SMA connector. What ever caused Kenwood to use SMA on an HT this size, I'd like
> > to know. I know it makes some sense on a very small pocket radio, but these
> > connectors were NEVER designed to be used for something like an antenna! I know
> > that there are adapters (I have one), but has anyone replaced the SMA connector
> > itself with a BNC ???
> >
>
> Why do yoiu like the BNC's? The SMA makes so much more of a secure connection and it doesn't pop off
when you brush it sideways the way that the bnc has a tendency to do?
>
> -ben
>
>

I should have known this would stir up a discussion.

Here are my reasons:

I like the quick connect of the BNC.
I have never had a problem with a good BNC popping off or coming loose.
I have had some problems with the center pin of an SMA antenna not making good contact.
SMA connectors are NOT designed to be connected and unconnected often.
I don't agree that SMA connectors are stronger.
Most all my cables and antennas have BNC connectors.
TNC would just complicate the picture that much more.
BNC is more of a standard.

Phil

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116. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 21 Jun 2001 14:57:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-19801-2001.06.21-15.18.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I don't agree that SMA connectors are stronger.
>Most all my cables and antennas have BNC connectors.

I started out using a 12" SMA to SMA cable that had SMA to BNC on one end.
The RG-174 coax could not stand up to constant use.   I tried 2-3 different
vendors cables, soldered up my own with various attempts at strain relief etc.
 Now I just have an SMA to BNC on the radio inself and use UHF to BNC adapters
on my coax for mobile and home use, and unscrew the adapter and screw on my
SMA-24 Comet 19" whip for portable ops.

I had to send my radio back to get the SMA connector on the radio repaired
after it stopped making contact.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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117. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: "Richard Carter" <rich.carter@windriver.com>
Date: Thu, 21 Jun 2001 16:06:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19804-2001.06.21-15.26.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm under the impression that sma connectors provide a water resistant connection whereas neither the BNC nor TNC do. Water resistant is not critical for everyone, but it is a nice feature. It is of little value if the rest of the radio is not sealed; the D7 is not. I find it hard to believe that an undamaged sma connector would fail to make contact. They are normally gold plated. Did Kenwood cut corners here? I think you will find that the BNC and TNC are typically tin. I've seen SMA connectors that have loosened, but I wouldn't call it a problem. The main complaint I have with SMAs is when connecting to an external antenna. I hate the bulky SMA to SO239 adapters. I've solved this by buying a SMA patch cord, cutting it in half, and making two adapter cables.

You pays your money and takes your choices, but I like the SMA better.

Regards
Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Phillip Clark
Sent: Thursday, June 21, 2001 3:46 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS
????

Ben Woodard wrote:

> > And for heaven's sake, put a BNC antenna connector on it instead of that lame
> > SMA connector. What ever caused Kenwood to use SMA on an HT this size, I'd like
> > to know. I know it makes some sense on a very small pocket radio, but these
> > connectors were NEVER designed to be used for something like an antenna! I know
> > that there are adapters (I have one), but has anyone replaced the SMA connector
> > itself with a BNC ???
> >
>
> Why do yoiu like the BNC's? The SMA makes so much more of a secure connection and it doesn't pop off when you brush it sideways the way that the bnc has a tendency to do?
>
> -ben
>
>

I should have known this would stir up a discussion.

Here are my reasons:

I like the quick connect of the BNC.
I have never had a problem with a good BNC popping off or coming loose.
I have had some problems with the center pin of an SMA antenna not making good contact.
SMA connectors are NOT designed to be connected and unconnected often.
I don't agree that SMA connectors are stronger.
Most all my cables and antennas have BNC connectors.
TNC would just complicate the picture that much more.
BNC is more of a standard.

Phil

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] Re: SMA and D7 waterproof

From: MEWintle@aol.com
Date: Thu, 21 Jun 2001 17:33:27 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19823-2001.06.21-16.53.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 6/21/01 4:13:24 PM Eastern Daylight Time,
rich.carter@windriver.com writes:

> It is of little value if
> the rest of the radio is not sealed; the D7 is not.

According to the Kenwood info on the D7 it's "MIL-SPEC 810C/D/E water
resistant". That was a selling point for me, since I use it on a motorcycle
(with a Garmin GPS III+, which is certified to 3 hours under 1 foot of water.)

I opened up the HT to make the frequency mods and there's a pretty nice
gasket between the halves. It makes a really good *schpuck* sound when you
crack it. Not quite Pringles, but still good. The amazing thing is how well
it seals when you puzzle it back together. I doubt it's got that
factory-fresh feeling, but it's still pretty tight.

MIL 810 C and D are mostly shock, temperature and vibration tests, but E also
has "water spray".

> MIL-STD 810E 512.3I
> Conducted to ascertain how well an item can withstand exposure to falling
or sprayed liquids.
> The water resistance test involves vertically falling water drops as well
as water sprayed at +/- 60
> degrees from a vertical angle.

The D7 SMA connector is a fine thread, and certainly does seem vulnerable to
cross threading. I disconnect and reconnect mine from a SMA/PL-239 adapter a
couple of times a day.

MEW

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119. [htaprs] Re: SMA/BNC

From: GeorgegeeG@aol.com
Date: Thu, 21 Jun 2001 21:36:36 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19877-2001.06.21-20.57.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

the answer is advertising bragging rights. it seems that everyone wants to
say that their radio meets "Milspec" in order to do this the
connector/antenna has to be able to weather (read rain/snow) resistance.
(I'm sure there are other parameters too, my engineer friends were never
crazy about the BNC's grounding, prefering the TNC, which like the SMA
screws on) But, I miss the BNC because of the ease in switching to mobile
and base antennas, plus, as yet, there isn't as much choice as with BNC,
but with the proliferation of radios with these antennas I'm sure we will see
more choices.

73's de George WB2GTC

> Why do you like the BNC's? The SMA makes so much more of a secure
> > connection and it doesn't pop off when you brush it sideways the way
> > that the bnc has a tendency to do?
> >

> > -ben
>

120. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: robhanson@juno.com
Date: Thu, 21 Jun 2001 19:09:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19888-2001.06.21-23.10.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

They exist. I use them for some antenna connections on avionics systems.
The only problem is they are very expensive, and hard to find.

On Thu, 21 Jun 2001 08:46:29 -0400 "edoc" <kd4e@arrl.net> writes:
> Actually, what I'd like to see is a three-lock BNC. The two lock
> design does lend itself to movement.
>
> The TNC suffers one of the same drawbacks as the SMC and
> UHF, threaded ... thus slower to connect and remove ... HT's
> are portable application devices and thus antennas are frequently
> swapped.
>
> IMHO ... 73, Doc KD4E
>
>
> > A TNC is the connector you want.
> > Does not tip.
> > Same size and durability as a BNC
> >
> > 73 ... Rob ... W6RH
>
>

121. [htaprs] WAAS

From: "Don DeJarnette" <ddej@gsa.state.al.us>
Date: Fri, 22 Jun 2001 07:41:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19941-2001.06.22-08.02.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone tried the Wide Area Augmentation System on the new Garmin handhelds (ETrex Summit) ? WAAS is a differential system designed for aircraft precision approaches. It is not fully implemented and is not yet available for aircraft approach use.

I am curious how well the patch antennas receive the geostationary satellite.

Any experiences would be appreciated.

73 de,
Don DeJarnette
KC4YRT

ddej@gsa.state.al.us (Work)
ddej@simplecom.net (Home)
Phone (205) 349-2852   Ext. 223

122. [htaprs] Re: WAAS

From: Doug Bade <doug@ohioaprs.net>
Date: Fri, 22 Jun 2001 09:17:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19944-2001.06.22-08.35.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My impression so far is that it is pretty impressive.. I see 7-8 foot epe
regularly.. Only some of the etrex units have a patch antenna some use an
enclosed helix...

At 07:41 AM 6/22/2001 -0500, you wrote:
>Has anyone tried the Wide Area Augmentation System on the new Garmin
>handhelds (ETrex Summit) ? WAAS is a differential system designed for
>aircraft precision approaches. It is not fully implemented and is not yet
>available for aircraft approach use.
>
>I am curious how well the patch antennas receive the geostationary satellite.
>
>

>Any experiences would be appreciated.
>
>73 de,
>Don DeJarnette
>KC4YRT
>
><mailto:ddej@gsa.state.al.us>ddej@gsa.state.al.us (Work)
><mailto:ddej@simplecom.net>ddej@simplecom.net (Home)
>Phone (205) 349-2852   Ext. 223

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123. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Norman Huber <n9zks@earthlink.net>
Date: Fri, 22 Jun 2001 10:58:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19964-2001.06.22-11.19.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Gregg G. Wonderly" wrote:
>
> >I don't agree that SMA connectors are stronger.
> >Most all my cables and antennas have BNC connectors.
>
> I started out using a 12" SMA to SMA cable that had SMA to BNC on one end.
> The RG-174 coax could not stand up to constant use.   I tried 2-3 different
> vendors cables, soldered up my own with various attempts at strain relief etc.
> Now I just have an SMA to BNC on the radio inself and use UHF to BNC adapters
> on my coax for mobile and home use, and unscrew the adapter and screw on my
> SMA-24 Comet 19" whip for portable ops.
>
> I had to send my radio back to get the SMA connector on the radio repaired
> after it stopped making contact.

I went through the adapter deal with my first radio, an HTX-202. The
weight of adapters and the pull of heavy co-ax would break the center
pin of the BNC just inside the radio. I decided I liked the SMA on my
D7A. I purchased light weight adapter cables to go to BNC and PL239 at a
local hamfest. They came apart at the SMA. Seems that there was NO
solder or reinforcement at all. I then bought replacements from Jake
the wonder dog's shop. No problem. Much better constructed.
I believe we need some strain relief at the radio when attaching co-ax
unless we are making a permanent installation, and take strain relief
into account as we do the set up. These are not mil spec radios
(strength not waterproofing) designed to be private (seaman) proof. I
use my D7A on my bicycle and motorcycle as well as in my car with my
Garmin and definitely prefer to keep the weigh acting on the radio
connector at a minimum. I do wish someone would make a short cable with
a full SMA connector on one end so the collar would transfer the force
exerted on the radio's connector to a pulling force instead of a side to
side twisting force.

--
---- Norm - N9ZKS
---- Motorcyclist, Bicyclist, Ham, Scouter
---- '87 GoldWing Interstate - Lagniappe Too
---- 30,000 miles - Laissez Les Bon Temps Roulez
---- GWRRA Region M Chapter J / Chapter Z
---- http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7
---- For a picture http://www.hondagoldwings.com/Gallery19.htm

---
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124. [htaprs] Re: TH-D7 "LIKE" HT with built-in (or attachable) GPS ????

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 22 Jun 2001 10:27:05 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-19972-2001.06.22-11.52.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Richard Carter" <rich.carter@windriver.com> wrote:

>I think you will find that the BNC and TNC are typically tin.

More likely, that other colorless metal, nickel. ;-) Many of them have gold plated pins and sockets (just like the common SMA's) even when the shell is nickel plated (just like the common SMA's).

Ben Woodard wrote:

>Here are my reasons:
...
>I have had some problems with the center pin of an SMA antenna not making
>good contact.

The male SMA built into antennas violates an important principle: it has the unwanted rotary motion of the pin wrt the socket during connection/disconnection. In addition to the wear factor, there is also a tendency to spread open the socket if the pin is at all bent. BNC's and proper SMA's engage without rotation of the center contacts.

>SMA connectors are NOT designed to be connected and unconnected often.

AMP's catalog lists 500 cycles for their SMA's and BNC's. But they don't make the collarless SMA used in HT antennas; those I'm sure would be less reliable.

>I don't agree that SMA connectors are stronger.

The mounting base is smaller, giving more of a stress concentration. HT antennas mounts take a lot of bending loads over their lifetime. An HT that anchored the connector in a thin plastic shell (as opposed to a metal subframe for example) is asking for even more trouble.

My favorite reasons to prefer BNCs:

The metal particles that shed off an SMA usually are longish thin bits that peel off the threads. They are often as long or longer than the short non-wiped plastic surface between the center and outer conductors. Take a close look at a well-used SMA, you'll probably see conductive crud there. I've had to clean my HT's connector several times - how many people here even look inside theirs?

A BNC sheds less, does it's shedding in an absolutely benign location, and has a far longer insulator surface path that is wiped during make/break.

Unfortunately, the ubiquity of BNCs can actually be a problem. There are *many* manufacturers, and some of them cut corners. I've experienced engagement/disengagement forces across a wide spectrum, from "you will need a wrench" to "pops off when you look at it cross-eyed". But I've always had great results from the name brands that are at the high end of the price scale. Sometimes you get what you pay for?

73,
Tony KD7TA

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125. [htaprs] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: "edoc" <kd4e@arrl.net>
Date: Fri, 22 Jun 2001 18:35:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20011-2001.06.22-17.58.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need my Yaesu FT-8100 to cross-band repeat so that my HT can hear and be heard when I am inside RF-killer buildings (like many offices, stores, and malls).

I understand that the FCC requires a RF rebroadcast of repeater output to be ID'd ... merely amplifying the HT transmit side is not adequate, I need
to leverage my high gain van-mounted 2/440 antenna through the FT-8100 to provide reliable reception as well.

Anyone know how to inject and trigger an automatic ID in the FT-8100 to

provide the minimum legal ID in such a local cross-band repeat setup?

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

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126. [htaprs] SMA vs BNC on THD7

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Fri, 22 Jun 2001 21:59:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20077-2001.06.23-00.21.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just sent my THD7 back to Kenwood with a stripped SMA connector. I had a
14" Diamond dual band with BNC connector with a SMA to BNC adapter with the
rubber base (from KC2BHO in NJ). It has been on the HT for several months.
Most every day I would change antennas.

My only guess as to why it stripped is that I was not able to screw the
adapter far enough down on to the SMA connector and the constant movement
stripped the threads. I am not sure which antenna I am going to use when I
get the D7 back. Any suggestions?

Robert, KD6INI

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

127. [htaprs] Re: SMA vs BNC on THD7

From: Phillip Clark <pbclark1@attglobal.net>
Date: Sat, 23 Jun 2001 00:33:22 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20091-2001.06.23-02.56.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert Michaud wrote:

> I just sent my THD7 back to Kenwood with a stripped SMA connector. I had a
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> adapter far enough down on to the SMA connector and the constant movement
> stripped the threads. I am not sure which antenna I am going to use when I
> get the D7 back. Any suggestions?
>
> Robert, KD6INI

Case closed!

See if Kenwood will put a BNC connector on it!

Phil

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

128. [htaprs] Re: SMA vs BNC on THD7

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sat, 23 Jun 2001 04:19:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20094-2001.06.23-04.41.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
~~~~~~

At 02:33 AM 6/23/01, Phillip Clark wrote:

>Robert Michaud wrote:
>
> > I just sent my THD7 back to Kenwood with a stripped SMA connector.
>
>Case closed!
>
>See if Kenwood will put a BNC connector on it!

Ya know, on my last carburetted (if that's a word) car, an '82 Dodge Aries, I had to keep extra wing nuts and studs around for the air cleaner box. My brother would borrow the car when he was in town, and would obsessively check the air filter element every time he added gas to the car. Invariably, he would strip out the stud that held the airbox to the carb, because of the overtightening gene that runs through my family (which fortunately I did not inherit). My mother also carries this gene. She has the amazing ability to cross-thread things like peanut butter and pickle jars. I used to have a boss who didn't think a valve was properly shut until the handle snapped off in his hand... :) It's an affliction that many people suffer from. I'm hoping that the human genome project will be able to identify the defect and correct for it.

I guess what I'm trying to point out is that that carburetor stud didn't have a defect. It didn't strip itself. There are just some people who don't know when (or have the ability) to stop tightening.

73,

Mark
KC7BXS

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129. [htaprs] Re: SMA vs BNC on THD7

From: robhanson@juno.com
Date: Sat, 23 Jun 2001 10:10:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20129-2001.06.23-12.26.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have had BNC connectors fail due to wear. The little posts on the female connector that the connector locks with were worn away. No connector is made for unlimited use.

73 ... Rob ... W6RH

On Sat, 23 Jun 2001 00:33:22 -0700 Phillip Clark <pbclark1@attglobal.net> writes:
>
>
> Robert Michaud wrote:
>
> > I just sent my THD7 back to Kenwood with a stripped SMA connector.
> I had a
> > 14" Diamond dual band with BNC connector with a SMA to BNC adapter
> with the
> > rubber base (from KC2BHO in NJ). It has been on the HT for
> several months.
> > Most every day I would change antennas.
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> > My only guess as to why it stripped is that I was not able to
> screw the
> > adapter far enough down on to the SMA connector and the constant
> movement
> > stripped the threads. I am not sure which antenna I am going to
> use when I
> > get the D7 back. Any suggestions?
> >
> > Robert, KD6INI
>
> Case closed!
>
> See if Kenwood will put a BNC connector on it!
>

> Phil
>

_____
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130. [htaprs] FS TH-D7+ other stuff...

From: Paul Breed <Paul@Rasdoc.com>
Date: Sat, 23 Jun 2001 14:40:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20133-2001.06.23-13.00.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry to bother the list with a FS post, please contact me off list with
questions.
I'm moving and trying to get rid of a bunch of stuff:

1)TH-D7A this was purchased in the winter of 1999-2000 and has not been
upgraded.
I've used it very little. ($300.00 OBO)

2)A old GE radio programmed to be on the APRS frequency I was going to make
a DIGI/ IGATE
and the company with my fast I-Net connection went out of business.
($50.00 /obo)

3)A Tiny-2 TNC I bought it, but never even hooked it up.
(I have no idea what it is worth, I could not find a sold one on
E-Bay. make an offer.)

4)An Oregon Scientific digital Weather Station with RS-232 inteface.
This is the wired version with Rain Gauge wind speed outdoor humidity etc....
Indor unit used to monitor Barmetric pressure for a Science fair project,
outdoor components never installed.
$100.00/OBO

5)A Diamond X510MA dual band antenna. and about 50' of Coax.
Make an offer.... (This has been up for about a year.)

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131. [htaprs] RE: SMA vs BNC on THD7

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sat, 23 Jun 2001 13:56:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20154-2001.06.23-16.16.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To those of us who are thrifty (or cheap as my daughter used to tell me),
you can not use any HT to replace the duty service of a mobile radio. The
HT is meant to be used as an HT with its little, inefficient rubber duck.
Yes, I use mine occasionally with an external antenna or "supper duck"
antenna, but I keep that down to a minimum. An HT is not designed to have
an antenna changed on it a couple of times a day nor is it designed to have
a remote mike plugged into it a couple of times a day.

Believe me, none of them will stand up to the duty of changing antennas and
plugging in a mike everytime you get into and our of your car. I thought

that was possible when I first got into ham radio, but learned quickly that
this is an expensive proposition. My antenna connectors used to loosen up
ever so slightly and then break off the printed circuit board, just like my
power connection, speaker and mike connections did. These devices are
usually only secured by a little bit of solder to the tiny, delicate printed
circuit board. The antenna connection is the only one I have found to be
secured a little better but still not good enough. Whether it is a BNC or
SMA connector, they just will not last if you constantly switch antennas.
Yes, the SMA connector threads are just as delicate and will wear out and
cross thread. I am very careful not to over tighten them.

I now own more mobile radios than HT's and since I made that change, I have
never had another problem with any of my HT connectors. Yes, I am as
stubborn as the next guy, if not more so, but I would have saved money if I
had bought a mobile and an HT at the same time. Just a word to the wise.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----

> Subject: [htaprs] SMA vs BNC on THD7
>
>
> I just sent my THD7 back to Kenwood with a stripped SMA
> connector. I had a
> 14" Diamond dual band with BNC connector with a SMA to BNC
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> My only guess as to why it stripped is that I was not able to screw the
> adapter far enough down on to the SMA connector and the constant movement
> stripped the threads. I am not sure which antenna I am going to
> use when I
> get the D7 back. Any suggestions?

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132. [htaprs] RE: SMA vs BNC on THD7

From: rbost@itexas.net (Roy Bost)
Date: Sun, 24 Jun 2001 00:39:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20205-2001.06.24-00.59.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well said, Herb!

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133. [htaprs] setup

From: "les" <l.collinson@btinternet.com>
Date: Sun, 24 Jun 2001 12:20:44 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20218-2001.06.24-06.41.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

i wonder if any one can help i hsave a TM-D700E and would like to set it up for satellite working
ie:ISS.Please could some one forward some information as there seem's to be very little available.

134. [htaprs] Re: SMA vs BNC on THD7

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sun, 24 Jun 2001 15:02:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20263-2001.06.24-15.23.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:56 PM 6/23/01, Herb Gerhardt, KB7UVC wrote:

>I now own more mobile radios than HT's and since I made that change, I have
>never had another problem with any of my HT connectors. Yes, I am as
>stubborn as the next guy, if not more so, but I would have saved money if I
>had bought a mobile and an HT at the same time. Just a word to the wise.

Wow, be careful what you say on this SIG. When I made this same
observation not too long ago, I was innundated with some very negative
email.   :)

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

135. [htaprs] Re: [Yaesu] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: "Brian Eller" <b.eller@gte.net>
Date: Sun, 24 Jun 2001 13:20:19 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20265-2001.06.24-15.40.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I recall, you should be able to do what you're talking about by setting
up your call in your radio, and activating the ARTS. I don't own an 8100,
but as I recall, if you have your call in in the right menu, and have ARTS
on, it will CW ID with your call. Anyone able to "fill in some of the
blanks" on this?

----- Original Message -----
From: "edoc" <kd4e@arrl.net>
To: <yaesu@qth.net>; <wcf-ts@yahoogroups.com>; "TAPR Hot Technology APRS"
<htaprs@lists.tapr.org>
Sent: Friday, June 22, 2001 3:35 PM
Subject: [Yaesu] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

> I need my Yaesu FT-8100 to cross-band repeat so that my HT can
> hear and be heard when I am inside RF-killer buildings (like many offices,
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>
> I understand that the FCC requires a RF rebroadcast of repeater output
> to be ID'd ... merely amplifying the HT transmit side is not adequate, I
> need
> to leverage my high gain van-mounted 2/440 antenna through the FT-8100
> to provide reliable reception as well.
>
> Anyone know how to inject and trigger an automatic ID in the FT-8100 to
> provide the minimum legal ID in such a local cross-band repeat setup?
>
> Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO
>
> ~~~~~~
>
>
>
> Moderator: Ray Brown, KB0STN
> owner-yaesu@qth.net
> ---
> Submissions yaesu@qth.net

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136. [htaprs] Re: IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sun, 24 Jun 2001 15:51:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-20269-2001.06.24-16.12.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 03:20 PM 6/24/01, Brian Eller wrote:

>As I recall, you should be able to do what you're talking about by setting
>up your call in your radio, and activating the ARTS.

Problem is that the 8100 doesn't have ARTS capability. If memory serves
me correctly, the first <<dual-band>> Yaesu mobile with ARTS is the "new"
FT-7100M. The 8xxx series radios (8000, 8100, and 8500) pre-date ARTS and
DCS.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

137. [htaprs] Re: SMA vs BNC on THD7

From: Brian D Heaton <bdheaton@c4i2.com>
Date: Sun, 24 Jun 2001 16:06:35 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20277-2001.06.24-17.17.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What I really want to see if a true ham equivalent of a Motorola
Convertacom! (now SVA/MVA) Drop the radio in the slot and connections are
automagically made for power, mic, spkr, ant, and controls. It's what you
see in LE vehicles. I've got a whole pile of MX-300s and convertacoms.
They are a bit heavy to carry around though. <g>

73/N5VFF

--
===
Brian D Heaton | I fear that we have awakened
Principal Consultant | a sleeping giant and instilled
C4I2.com System Consultants | in him a terrible resolve.
bdheaton@c4i2.com | -- Admiral Isoruku Yamamoto
USA (719) 623-0381 | -- Imperial Japanese Navy
UK +44 (0)845 127-5400 | -- December 7, 1941

On 2001.06.24 14:02 Mark Fellhauer wrote:
> At 03:56 PM 6/23/01, Herb Gerhardt, KB7UVC wrote:
>
>
> >I now own more mobile radios than HT's and since I made that change, I
> have
> >never had another problem with any of my HT connectors. Yes, I am as
> >stubborn as the next guy, if not more so, but I would have saved money
> if I
> >had bought a mobile and an HT at the same time. Just a word to the
> wise.
>
> Wow, be careful what you say on this SIG. When I made this same
> observation not too long ago, I was innundated with some very negative
> email. :)
>
> 73,
>
> Mark
> KC7BXS
>
>
> ---
> You are currently subscribed to htaprs as: bdheaton@c4i2.com
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>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

138. [htaprs] Re: SMA vs BNC on THD7

From: Matt Steinhoff <mls@steinhoff.net>
Date: Sun, 24 Jun 2001 18:13:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-20284-2001.06.24-17.33.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I really want to see a true ham equivalent of a Motorola Convertacom!

Amen!
For decades I've carried MX, STX and MTX radios and have used Motorola Convertacoms. I can't believe that ham manufactures haven't come up with a similar product yet. It makes so much sense. I would gladly pay an inflated price (which is what Motorola charges) for a ham Convertacom.
(I'd also pay a premium for a ham HT whose battery lasts half as long as Motorola's but that's another thread.)

Matt

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139. [htaprs] Re: IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: "edoc" <kd4e@arrl.net>
Date: Sun, 24 Jun 2001 18:27:04 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <ae4mr@arrl.org>
Message-ID: <LYR845-20289-2001.06.24-17.56.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> At 03:20 PM 6/24/01, Brian Eller wrote:
>
> >As I recall, you should be able to do what you're talking about by setting
> >up your call in your radio, and activating the ARTS.
>
> Problem is that the 8100 doesn't have ARTS capability. If memory serves
> me correctly, the first <<dual-band>> Yaesu mobile with ARTS is the "new"
> FT-7100M. The 8xxx series radios (8000, 8100, and 8500) pre-date ARTS and
> DCS.
>
> 73, Mark KC7BXS

I discussed this as I toured Field day sites as SEC yesterday and the following
two possible solutions were offered:

1. Attach an automatic CW-IDer to the 8100 that sensed the 10min CW ID from the Repeater thus triggering my ID ... eliminating my local IDer "talking over"
traffic I wanted to hear.

2. Rebroadcast the Repeater using a type-accepted rig on the new unregulated
151MHz band (my D7 will be able to hear that and then retransmit on 440 to the 8100 and then back to the Repeater on 2m.

QUESTION 1: Are there any restrictions against the rebroadcast of a Ham repeater on the new unregulated 151MHz band?

QUESTION 2: Is there a no-ID-required UHF band that I could use to legally low-power rebroadcast a Ham repeater? (Perhaps FRS?)

Thanks! & 73, Doc KD4E

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

140. [htaprs] Re: SMA vs BNC on THD7

From: "edoc" <kd4e@arrl.net>
Date: Sun, 24 Jun 2001 19:06:30 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20298-2001.06.24-18.29.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does a JT-1000 have a convertacom feature? Do I understand correctly that
they are 16 channel and cover Ham freqs? Does Motorola make a dual-band
HT?

73, Doc KD4E

> > I really want to see a true ham equivalent of a Motorola Convertacom!
>
>   Amen!
>   For decades I've carried MX, STX and MTX radios and have used
> Motorola Convertacoms. I can't believe that ham manufactures haven't
> come up with a similar product yet. It makes so much sense. I would
> gladly pay an inflated price (which is what Motorola charges) for a
> ham Convertacom.
>   (I'd also pay a premium for a ham HT whose battery lasts half
> as long as Motorola's but that's another thread.)
>
>   Matt

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

141. [htaprs] Re: SMA vs BNC on THD7

From: Brian D Heaton <bdheaton@c4i2.com>
Date: Sun, 24 Jun 2001 17:43:13 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20302-2001.06.24-18.54.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I know there are convertacoms (now called SVA or MVA) for the Saber, MX,
STX/MTX, and HT1000. I don't know about the JT-1000 for sure. I'll check
around a bit.

                                THX/BDH

PS - don't suppose anybody has a Saber-II/III with full keypad (VHF or UHF)
laying around gathering dust? <g>

--
==
Brian D Heaton | I fear that we have awakened
Principal Consultant | a sleeping giant and instilled
C4I2.com System Consultants | in him a terrible resolve.
bdheaton@c4i2.com | -- Admiral Isoruku Yamamoto
USA (719) 623-0381 | -- Imperial Japanese Navy
UK +44 (0)845 127-5400 | -- December 7, 1941

On 2001.06.24 17:06 edoc wrote:
> Does a JT-1000 have a convertacom feature? Do I understand correctly
> that
> they are 16 channel and cover Ham freqs? Does Motorola make a dual-band
> HT?
>
> 73, Doc KD4E
>
>
>
> > > I really want to see a true ham equivalent of a Motorola Convertacom!
>
> >
> >   Amen!
> >   For decades I've carried MX, STX and MTX radios and have used
> > Motorola Convertacoms. I can't believe that ham manufactures haven't
> > come up with a similar product yet. It makes so much sense. I would

> > gladly pay an inflated price (which is what Motorola charges) for a
> > ham Convertacom.
> >   (I'd also pay a premium for a ham HT whose battery lasts half
> > as long as Motorola's but that's another thread.)
> >
> >   Matt
>
>
>
> ---
> You are currently subscribed to htaprs as: bdheaton@c4i2.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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142. [htaprs] Re: SMA vs BNC on THD7

From: Steve Jones <sdjones@sympatico.ca>
Date: Sun, 24 Jun 2001 20:30:22 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20311-2001.06.24-19.51.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 6/24/01 7:06 PM, edoc at kd4e@arrl.net wrote:

> Does a JT-1000 have a convertacom feature?

The MTVA fits the Jedi series of radio such as the JT1000.

>Do I understand correctly that
> they are 16 channel and cover Ham freqs?

Yes.

> Does Motorola make a dual-ban> HT?

No.

--
Steve <sdjones@sympatico.ca>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

143. [htaprs] Re: SMA vs BNC on THD7

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 24 Jun 2001 19:28:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <htaprs@lists.tapr.org>
Message-ID: <LYR845-20322-2001.06.24-21.48.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Great idea.

 Kenwood and other manufacturers, are you listening!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
> >
> > I really want to see a true ham equivalent of a Motorola Convertacom!
> >
>   Amen!

>   For decades I've carried MX, STX and MTX radios and have used
> Motorola Convertacoms. I can't believe that ham manufactures haven't
> come up with a similar product yet. It makes so much sense. I would

> gladly pay an inflated price (which is what Motorola charges) for a
> ham Convertacom.
>   (I'd also pay a premium for a ham HT whose battery lasts half
> as long as Motorola's but that's another thread.)

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144. [htaprs] Re: IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: Chris Nelson <n7elu@teleport.com>
Date: Sat, 23 Jun 2001 19:07:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20328-2001.06.24-22.48.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Seems like I remember seeing a project in QST in the last year or
two that use a PIC as a IDer, I just can't remember for what they used
it for HF or VHF. I don't have my back issues, that we all have, handy
(extended stay away from home) so I can't look it up myself.
   It would seem relatively simple to make an adapter that you could
feed the audio though the mike at the same time using one of the legs of
the PIC as a mike keyer that should go high or low when ever the IDer
triggers.
   Ive contemplated this situation many times because of a need (only
occasional) to have an IDer on my mobil because I use it as a cross-band
repeater. My need has been because I live in a rural area that an HT
many times can not make it to one of the local repeaters. My solution
has been to keep the power from the mobil to HT to lowest possible
setting and no squelch tails thus it almost appears transparent unless
some one happens to scan across the HT to mobil freqs (highly unlikely).
In a more urban area the possibilities of causing interference on the
repeated freqs goes up thus the need for an IDer.
I know Ive seen some IDer in some commercial mags that I get but i would
have to do some more in depth looking......

Hope this helps
Chris N7ELU

edoc wrote:

> I need my Yaesu FT-8100 to cross-band repeat so that my HT can
> hear and be heard when I am inside RF-killer buildings (like many offices,
> stores, and malls).
>
> I understand that the FCC requires a RF rebroadcast of repeater output
> to be ID'd ... merely amplifying the HT transmit side is not adequate, I
> need
> to leverage my high gain van-mounted 2/440 antenna through the FT-8100
> to provide reliable reception as well.
>
> Anyone know how to inject and trigger an automatic ID in the FT-8100 to
> provide the minimum legal ID in such a local cross-band repeat setup?
>
> Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO
>
> ~~~~~~
>
>
>
> ---
> You are currently subscribed to htaprs as: n7elu@teleport.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

145. [htaprs] I.D.

From: robhanson@juno.com
Date: Sun, 24 Jun 2001 22:06:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20353-2001.06.25-00.22.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A repeater must be ID'd but it does not need to be in Morse code, and
does not need to be automatic. It is perfectly legal for a user to voice
ID the repeater every ten minutes of use. If no one has used the machine
in the preceding ten minutes, no ID is required.

73 ... Rob ... W6RH

On Sat, 23 Jun 2001 19:07:23 -0700 Chris Nelson <n7elu@teleport.com>
writes:
>   Seems like I remember seeing a project in QST in the last year
> or
> two that use a PIC as a IDer, I just can't remember for what they
> used
> it for HF or VHF. I don't have my back issues, that we all have,
> handy
> (extended stay away from home) so I can't look it up myself.
>   It would seem relatively simple to make an adapter that you could
>
> feed the audio though the mike at the same time using one of the
> legs of
> the PIC as a mike keyer that should go high or low when ever the
> IDer
> triggers.
>   Ive contemplated this situation many times because of a need
> (only
> occasional) to have an IDer on my mobil because I use it as a
> cross-band
> repeater. My need has been because I live in a rural area that an HT
>
> many times can not make it to one of the local repeaters. My
> solution
> has been to keep the power from the mobil to HT to lowest possible
> setting and no squelch tails thus it almost appears transparent
> unless
> some one happens to scan across the HT to mobil freqs (highly
> unlikely).
> In a more urban area the possibilities of causing interference on
> the
> repeated freqs goes up thus the need for an IDer.
> I know Ive seen some IDer in some commercial mags that I get but i
> would
> have to do some more in depth looking......
>
> Hope this helps
> Chris N7ELU
_____
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146. [htaprs] Re: I.D.

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 25 Jun 2001 08:12:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20374-2001.06.25-08.32.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>A repeater must be ID'd but it does not need to be in Morse code, and
>does not need to be automatic. It is perfectly legal for a user to voice
>ID the repeater every ten minutes of use. If no one has used the machine
>in the preceding ten minutes, no ID is required.

Yes, but if you step away from the HT, or even turn it off, local RF
conditions can cause your 'repeater' to key, and cause interference. This is

the time when the automatic ID will aid in getting the interference eliminated
quickly because the ID will tell everyone who to contact!

-----
gregg@c2-tech.com (C2 Technologies Inc)

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147. [htaprs] RE: [Yaesu] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: "Robert T. Haller" <r.t.haller@ieee.org>
Date: Mon, 25 Jun 2001 10:35:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20390-2001.06.25-10.01.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The FT8100 does not have the ARTS capability that the VX5-R does. I also
would not expect the repeater owner wanting DCS signal being transmitted on
the repeater's input frequency every 15 or 25 seconds (standard settings on
the VX5).

I use cross banding with the FT8100 frequently. I assumed that the ID of
the repeater and users using the repeater was sufficient. If the cross band
repeater needed to ID as required by FCC rules, then this built in feature
would never be used because the FT8100 has no built in ID-ing capability.
Even if you were to use it in an isolated area such as a campout instead of
cross banding to another repeater, the fact that the FT8100 could not ID
would prohibit its use ... assuming that cross banding is not permitted by
the FCC without IDing.

I am surprised by this thread. It just never occurred to me that the cross
banding repeater should have to ID itself, but it makes sense that it
should. Why did Yaesu make this capability without an IDing ability? What
application would be acceptable?

If you are going to use the FT8100 for cross banding into a repeater, I
would definitely get the FTS-22 tone decoder for it to prevent anyone from
inadvertently getting into the FT8100 and crossing to the repeater when they
think they are on simplex. That would play havoc with the repeater.

I guess a way to solve the IDing problem would be to place a VX5 (or some
ARTS-capable HT) in the car with the FT8100 and have it use ARTS. Set the
ARTS-capable HT's transmit frequency to be simplex on the repeater's
transmit frequency. Set the ARTS-capable HT's power level to very low so as
not to interfere with others in the area. When the ARTS-capable HT
transmits, it will be received by the FT8100 and cross to the simplex
frequency you are using on your office HT. That is the only side of the
FT8100 you need to ID since when you transmitting from your office HT, you
will be verbally giving your ID.

Good luck!
Rob - N8CI

 -----Original Message-----
From: owner-yaesu@qth.net [mailto:owner-yaesu@qth.net] On Behalf Of Brian
Eller
Sent: Sunday, June 24, 2001 4:20 PM
To: edoc; yaesu@qth.net; wcf-ts@yahoogroups.com; TAPR Hot Technology APRS
Subject: Re: [Yaesu] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

As I recall, you should be able to do what you're talking about by setting
up your call in your radio, and activating the ARTS. I don't own an 8100,
but as I recall, if you have your call in in the right menu, and have ARTS
on, it will CW ID with your call. Anyone able to "fill in some of the
blanks" on this?

----- Original Message -----
From: "edoc" <kd4e@arrl.net>
To: <yaesu@qth.net>; <wcf-ts@yahoogroups.com>; "TAPR Hot Technology APRS"
<htaprs@lists.tapr.org>
Sent: Friday, June 22, 2001 3:35 PM
Subject: [Yaesu] IDing YAESU FT-8100 as a local HT Repeater-Repeater?

> I need my Yaesu FT-8100 to cross-band repeat so that my HT can

> hear and be heard when I am inside RF-killer buildings (like many offices,
> stores, and malls).
>
> I understand that the FCC requires a RF rebroadcast of repeater output
> to be ID'd ... merely amplifying the HT transmit side is not adequate, I
> need
> to leverage my high gain van-mounted 2/440 antenna through the FT-8100
> to provide reliable reception as well.
>
> Anyone know how to inject and trigger an automatic ID in the FT-8100 to
> provide the minimum legal ID in such a local cross-band repeat setup?
>
> Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO
>
> ~~~~~~
>
>
>
> Moderator: Ray Brown, KB0STN
> owner-yaesu@qth.net
> ---
> Submissions yaesu@qth.net

Moderator: Ray Brown, KB0STN
owner-yaesu@qth.net

Submissions yaesu@qth.net

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148. [htaprs] Re: IDing YAESU FT-8100 as a local HT Repeater-Repeater?

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 25 Jun 2001 20:01:31 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20449-2001.06.25-19.22.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This requirement is news to me. Are you sure about this?

If it is *your* rig and you are the one using it, then when you give your
call thru the cross band rig, that, IMHO, is sufficient to ID
_that_half_of_the_rig_ However, the problem occurs if the mobile rig is
actually transmitting on both bands. YOU can never ID the other half of the
rig.

Common solution is to do a single band repeat mode where you only use the
mobile rig to amplify your HT. You listen to the repeater directly on the
HT, not thru your mobile rig. This also solves the problem of waiting for
the repeater tail to drop before you can transmit on the HT.

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----

Subject: [htaprs] Re: IDing YAESU FT-8100 as a local HT Repeater-Repeater?

> edoc wrote:
>
> > I need my Yaesu FT-8100 to cross-band repeat so that my HT can
> > hear and be heard when I am inside RF-killer buildings (like many
offices,
> > stores, and malls).
> >
> > I understand that the FCC requires a RF rebroadcast of repeater output
> > to be ID'd ... merely amplifying the HT transmit side is not adequate
(snip)

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149. [htaprs] Re: SMA vs BNC on THD7

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 25 Jun 2001 22:13:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20465-2001.06.25-22.36.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Robert Michaud wrote:
>
> I just sent my THD7 back to Kenwood with a stripped SMA connector. I had a
>.
.
  I am not sure which antenna I am going to use when I
> get the D7 back. Any suggestions?

Get an antenna with an SMA connector - and leave it on the radio.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

150. [htaprs] Re: SMA vs BNC on THD7

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 25 Jun 2001 22:22:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20468-2001.06.25-22.46.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

edoc wrote:
>
> Does a JT-1000 have a convertacom feature? Do I understand correctly that
> they are 16 channel and cover Ham freqs? Does Motorola make a dual-band
> HT?

The JT-1000 is similar to the HT-1000. I think it will work with an
HT-1000 Convertacom. It is front panel programmable. It also has
memory channels, but I can't remember how many. Sorry - no dual band
portables or mobiles. Well, there was a bual band mobile, but it was 2
mobiles connected to one control head.

Skip
K9SA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

151. [htaprs] Re: SMA vs BNC on THD7

From: "edoc" <kd4e@arrl.net>
Date: Mon, 25 Jun 2001 23:43:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20475-2001.06.25-23.07.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I acquired a SMA-BNC adapter from a Ham online. It is really well made.
It has a nice tight fit with a rubber casing that takes all of the stress
off the
SMA connector.

I have put a Watson W889 telescoping antenna (BNC) on it and it performs
wonderfully! Nice and short for most use but able to be extended for
maximum gain as needed. Swivels and hinges to absorb stress and keep it
off the connector.

I do switch connectors frequently to take advantage of my mobile antenna
but that will change when I get a mobile rig installed soon.

73, Doc KD4E

> > I just sent my THD7 back to Kenwood with a stripped SMA connector. I
had a
> >.
> .
>   I am not sure which antenna I am going to use when I
> > get the D7 back. Any suggestions?
>

> Get an antenna with an SMA connector - and leave it on the radio.

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152. [htaprs] Re: SMA vs BNC on THD7

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 26 Jun 2001 10:35:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-20561-2001.06.26-10.55.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Robert Michaud wrote:
> I am not sure which antenna I am going to use when I
>> get the D7 back. Any suggestions?
>
>Get an antenna with an SMA connector - and leave it on the radio.

For many of us, this seems to not be the choice we need. It is a radio. If I apply power and hook it up to an antenna, it should work. Switching modes of use and operational needs are what makes this a hobby and is what keeps us flexible as a community assistance group.

If connectors are not made to be connected and unconnected, why are they on the equipment?

I try to be as careful as I can and not slam the connectors and plugs in and out and around. But eventually they will wear out, this I am certain. My only feedback to the manufactures is that their business will likely see change in customer base depending on how diligent they are about connector and plug selections.

Currently, Kenwoods D7A is a one of a kind device. Their choice of connectors and recepticals we have to live with to get these kinds of features. Perhaps another $50-$100 to get better connectors was beyond their price point.

The HamHUD is going to change that. It is a device that will change how we use APRS and how we think about HAM equipment. Its extensibility is going to rock our world!

-----
gregg@c2-tech.com (C2 Technologies Inc)

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153. [htaprs] Re: SMA vs BNC on THD7

From: MEWintle@aol.com
Date: Tue, 26 Jun 2001 12:15:48 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20573-2001.06.26-11.36.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 6/26/01 11:37:45 AM Eastern Daylight Time,
gregg@skymaster.c2-tech.com writes:

> Their choice of connectors
> and recepticals we have to live with to get these kinds of features.
> Perhaps
> another $50-$100 to get better connectors was beyond their price point.

Someone proposed here that the Kenwood people designed the radio with an SMA to meet Milspec standards and buzzword compliance. That's plausible. I gotta think an SMA actually costs more than a BNC, so I doubt it's a cost issue. Kenwood is not alone in adopting SMA on their new HT design. I understand that others are doing this as well. Enough protest might change this trend.

Kenwood might have some justification we haven't considered for using SMA too, and not consider BNC a "better connector". I'd be interested in hearing "their side". Anyone have any contacts inside Kenwood's engineering or R&D

department? After all the PR people probably aren't going to give us the
engineering design perspective we want.

W2MEW

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154. [htaprs] Re: SMA vs BNC on THD7

From: Chris Nelson <n7elu@teleport.com>
Date: Tue, 26 Jun 2001 15:10:48 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20639-2001.06.26-17.29.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gregg G. Wonderly wrote:

> Switching modes of
> use and operational needs are what makes this a hobby and is what keeps us
> flexible as a community assistance group.

Right on the money!!!!! at least for those of use who are involved in
the community assistance arenas.

>
> The HamHUD is going to change that. It is a device that will change how we
> use APRS and how we think about HAM equipment. Its extensibility is going to
> rock our world!

So where can we find out more about "HamHUD"?

>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

155. [htaprs] re: SMA vs BNC on THD7

From: "Charlie Kunz" <ckunz@usa.net>
Date: Wed, 27 Jun 2001 10:12:32 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20756-2001.06.27-12.32.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I took an SMA to BNC adapter, drilled out a short piece of rubber fuel line -
the kind with some kind of fiber mesh reinforcement in the middle of the rubber
wall - to take the fat part of the adapter, and it fits TIGHT on the Kenwood. I
also change antennas daily and it hasn't budged and doesn't move. I use a
Diamond RH519 for HT use.

Charlie AA5QJ

----- Original Message ----- > Subject: SMA vs BNC on THD7
> From: Robert Michaud <r.michaud@glumac-sf.com>
> Date: Fri, 22 Jun 2001 21:59:22 -0700
> X-Message-Number: 1
>
> I just sent my THD7 back to Kenwood with a stripped SMA connector. I had a
> 14" Diamond dual band with BNC connector with a SMA to BNC adapter with the
> rubber base (from KC2BHO in NJ). It has been on the HT for several months.
> Most every day I would change antennas.
>
> My only guess as to why it stripped is that I was not able to screw the
> adapter far enough down on to the SMA connector and the constant movement
> stripped the threads. I am not sure which antenna I am going to use when I
> get the D7 back. Any suggestions?
>
> Robert, KD6INI

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156. [htaprs] 12,000 ft. & APRS in Colorado

From: "KC8MTV - Kevin" <kc8mtv@hotmail.com>
Date: Wed, 27 Jun 2001 09:33:54 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20844-2001.06.27-14.53.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am in Colorado until Saturday, June 30th and we will be up about 12,000 feet in Rocky Mountain National Park driving up Trail Ridge Road. I would like to work some APRS with my Kenwood TH-D7A(G) but I am not sure of how to set the path. I would really like our kids to see something from the Space Station show up on the display. I am very new to this TH-D7A(G) and APRS and any help on the settings of the radio would greatly be appreciated.

73's
Kevin Numbers - KC8MTV

http://www.qsl.net/k8qik/

The Lancaster & Fairfield County Amateur Radio Club
Monday Night Net on 147.030 MHz @ 9:00 p.m.

Got a GPS? Want to have some fun with it?
Check out this site:
http://www.geocaching.com/Get more from the Web. FREE MSN Explorer download : http://explorer.msn.com

157. [htaprs] Re: BMC / TNC / SMC

From: Jon Ogden <na9d@mindspring.com>
Date: Thu, 28 Jun 2001 07:19:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20982-2001.06.28-07.40.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Little late in my e-mails!

on 6/21/01 10:51 AM, MEWintle@aol.com at MEWintle@aol.com wrote:

> That makes sense, but what is the db loss on a BNC vs others? On an HT you
> want the quick-release, but you also can't afford to loose you precious
> power, since you have so little to play with.
>
> I was just reading a web page about how much loss there is on an N-Connector
> vs a 7/16 DIN. Compared to both of these I imagine a BMC is like a leaky
> spigot of RF.

Wrong. The BNC has excellent loss characteristics. It is really an
N-connector with a different outer shell. The inner part of the connectors
are the same. If you doubt me, try mating a male N to a female BNC. You
can do it quite easily.

BNCs are very good RF connectors but are much maligned due to the fact they
are used in such non-RF applications as video, etc.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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158. [htaprs] Re: BMC / TNC / SMC

From: "Russ Chadwick" <crb5@qwest.net>
Date: Thu, 28 Jun 2001 06:55:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20989-2001.06.28-08.16.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: Jon Ogden <na9d@mindspring.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, June 28, 2001 6:19 AM
Subject: [htaprs] Re: BMC / TNC / SMC

>
> The BNC has excellent loss characteristics. It is really an
> N-connector with a different outer shell. The inner part of the
connectors
> are the same. If you doubt me, try mating a male N to a female BNC. You
> can do it quite easily.
>
> BNCs are very good RF connectors but are much maligned due to the fact
they
> are used in such non-RF applications as video, etc.
>

My understanding is that the type N connector was named after a Dr. Neil
who developed it at Bell Telephone Labs many years ago. The TNC and BNC are
both derived from the type N connector, but with slightly different names.
TNC stands for "Tiny Neil Connector" and BNC stands for "Baby Neil
Connector".

Russ KB0TVJ
Boulder, CO
http://www.users.qwest.net/~crb5/

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159. [htaprs] Re: BMC / TNC / SMC

From: BMcLarty@trustmark.com
Date: Thu, 28 Jun 2001 08:01:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20992-2001.06.28-08.32.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I always thought TNC stood for threaded N connector and BNC was bayonet N
connector.

"Russ Chadwick" <crb5@qwest.net>@lists.tapr.org on 06/28/2001 07:55:39 AM

Sent by: bounce-htaprs-22048@lists.tapr.org

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
cc:
Subject: [htaprs] Re: BMC / TNC / SMC

----- Original Message -----
From: Jon Ogden <na9d@mindspring.com>
To: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Sent: Thursday, June 28, 2001 6:19 AM
Subject: [htaprs] Re: BMC / TNC / SMC

>
> The BNC has excellent loss characteristics. It is really an
> N-connector with a different outer shell. The inner part of the
connectors
> are the same. If you doubt me, try mating a male N to a female BNC. You

> can do it quite easily.
>
> BNCs are very good RF connectors but are much maligned due to the fact
they
> are used in such non-RF applications as video, etc.
>

My understanding is that the type N connector was named after a Dr. Neil
who developed it at Bell Telephone Labs many years ago. The TNC and BNC
are
both derived from the type N connector, but with slightly different names.
TNC stands for "Tiny Neil Connector" and BNC stands for "Baby Neil
Connector".

Russ   KB0TVJ
Boulder, CO
http://www.users.qwest.net/~crb5/

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160. [htaprs] Re: Re: BMC/TNC/SMC

From: "Thomas H. Busch" <tomb@kiva.net>
Date: Thu, 28 Jun 2001 08:04:38 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-20995-2001.06.28-08.36.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Actually, I think it's "Threaded Neil Connector" and "Bayonet Neil
Connector".

TomB

----- Original Message -----
My understanding is that the type N connector was named after a Dr. Neil
who developed it at Bell Telephone Labs many years ago. The TNC and BNC
are
both derived from the type N connector, but with slightly different names.
TNC stands for "Tiny Neil Connector" and BNC stands for "Baby Neil
Connector".

Russ   KB0TVJ
Boulder, CO
http://www.users.qwest.net/~crb5/

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161. [htaprs] Re: BMC / TNC / SMC

From: "Horzepa, Stan" <Stan_Horzepa@adc.com>
Date: Thu, 28 Jun 2001 08:23:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-21002-2001.06.28-08.44.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FWIW, according to http://www.acronymfinder.com/...

BNC has a number of relevent meanings:

   Bayonet Neill-Concelman (the inventors of the BNC connector)
   Barrel Nut Connector
   Bayonet Connector

```
   Bayonet N-Type Compact
   Bayonet Nut Conn
   Bayonet Nut Coupling

For TNC, there are:

   Screw Variant BNC Plug
   Threaded N Connector
   Threaded Neill-Concelman (The Inventors)

Now, let's drop the topic and get back to something more relevent to APRS,
like TNC (terminal node controller)!

Stan, WA1LOU

>

---
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```

July 2001

Original source file: htaprs.0107
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0107

1. [htaprs] Digipeater Owners list

From: rwf@bsrg.org
Date: Sun, 01 Jul 2001 11:23:50 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-21592-2001.07.01-10.48.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a reminder that a mailing list for Digi-Owners exists.
It has been around for a few years, but has not seen a lot of activity in
the past year.

The original host domain for it is gone, so I have moved the list (as well
as its archives) to a new host site.

If you were on the list, you have already been notified of the change by an
email from the list.

If you are a digi owner, and wish to sign up, just send a blank Email
message to the following address:

digiowners-subscribe@yahoogroups.com

Thanks

Ralph Fowler N4NEQ
Digiowners list owner

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2. [htaprs] Re: SMA vs BNC on THD7

From: "Roger Bille" <roger.bille@telia.com>
Date: Wed, 4 Jul 2001 00:22:21 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22020-2001.07.03-17.43.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> So where can we find out more about "HamHUD"?
>

http://www.hamhud.net

73 de SM5NRK/Roger

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3. [htaprs] REPAIR/MOD OF KENWOOD TH-D7A HT

From: "edoc" <kd4e@arrl.net>
Date: Wed, 4 Jul 2001 10:48:14 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22143-2001.07.04-10.12.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cliff:

   I recall your many helpful posts here on the list and now need someone I
can trust to repair my TH-D7A(g).

   I have suffered the same problem as many others, the weak SMA pin has
sheared off inside the D7 connector.

   I am the ARRL-WCF-ARES-SEC here in West Central Florida and my D7 is
critical to my responsibilities here, and is my only HT. I use it for voice

and APRS.

   Since you are an authorized Kenwood Repair Center and have an excellent
reputation among Hams (not easily earned!) how might I get it to you to
repair and
return quickly, please? Since it is less than a year old is this repair
warranted?

   Also, is there a mod you could do to permanently replace the SMA with a
BNC? I don't care that it would make the HT non-factory original, I need it
to be
reliable! (I don't know if the case would permit that and still maintain
structural
integrity.)

   Feel free to respond on the list(s) or privately as you deem best.

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

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4. [htaprs] Test

From: "Don Huckaby" <n6yyk@jps.net>
Date: Wed, 4 Jul 2001 10:31:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22167-2001.07.04-12.51.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Test

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5. [htaprs] TAPR Offices Moving; Short Closure and New Phone Numbers

From: "John R. Ackermann" <jra@febo.com>
Date: Wed, 04 Jul 2001 18:25:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22227-2001.07.04-17.53.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The TAPR offices will be moving a few miles from Denton to Richardson,
Texas. We'll be closing on July 26 for the move and re-opening on August
6. The Tucson mailing address will remain the same (it is a maildrop that
forwards to the real office address) but the phone numbers will change.
Effective August 6, they will be:

Voice: 972-671-TAPR (8277)
FAX: 972-671-8716

The office email address -- tapr@tapr.org -- will not change.

The move is occurring because Dorothy Jones, KA5DWR, our longtime Office
Manager, has decided to take a well-earned retirement. It would take a lot
of words to fully describe how much Dorothy has done for TAPR, and how much
we've all relied on her over the years, so I'll just say "Thanks!"

Our new office manager is Laura Koster (XYL of Board member John Koster,
W9DDD). Laura had a baptism of fire by handling the TAPR booth at the
Dayton Hamvention this year, and she did a great job. We're very happy to
have her on board, and we're sure that she will carry on Dorothy's goal of
providing great service to our members.

73,
John Ackermann   N8UR
President, TAPR
jra@febo.com -- n8ur@tapr.org

~~~~~~

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: Test

From: "Keith Parker" <kb8zkh@bright.net>
Date: Wed, 4 Jul 2001 21:33:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22252-2001.07.04-20.56.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry Don, but I think here in APRS'ville the correct way is "ping" hihi
:-}
It's been a slow day I'll go back under my rock now.
Keith Parker, 32°
AB8CL
----- Original Message -----
From: "Don Huckaby" <n6yyk@jps.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, July 04, 2001 1:31 PM
Subject: [htaprs] Test

> Test
>
>
> ---
> You are currently subscribed to htaprs as: kb8zkh@bright.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] THD7 command

From: LB <on9aav@pandora.be>
Date: Thu, 05 Jul 2001 06:45:21 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22306-2001.07.05-00.09.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Has anyone tried the TNC command 'BBSMSG' on the thd7 , using the terminal
mode in Packet ?
What does it do, it is not described anyware

73's

Luke
ON9AAV-9

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8. [htaprs] D700 Problems?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 5 Jul 2001 21:57:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22481-2001.07.06-00.17.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have been playing with my new D700 for the last few days and encountered a
couple of problems that I would not expect.

1.   With the radio fully programmed using the Kenwood program, I went to
Packet Mode and ran WinAPRS with my laptop. That worked just fine, however,
when I shut the program down, my RESTORE.TNC file executed and it
reprogrammed some of the parameters in the radio. My restore file

reconfigures my Kantronics KPC-2 TNC to run my APRS station with the
computer off line.

Well, now my D700 would send out this beacon text line periodically which
defined my position and icon, both of which were different from my normal
D700 parameters. I was not able to find where this beacon text line was
stored in the D700 by going through all the menus and the software program.
It drove me buggy so I finally did a complete reset to factory parameters
and uploaded my parameters again via my Kenwood D700 program file. This
action seemed to have gotten rid of it sending this information out
periodically.

2.   My second problem is that this radio sends out its position periodically
(random time intervals) of its location and status string even though I DO
NOT have BCON turned on nor displayed on the display. Performing the above
hard reset did not eliminate this problem. Yes, I have the mode set to TNC
APRS.

Does anyone have any ideas that can shed some light on these abnormalities?
Has anyone else encountered these problems?

I will be honest with you, I am not a reader but a button pusher, so there
might be something in the manual that I have not run across yet that might
address this type of problem. If so, please point me toward it. I use
manuals like dictionaries. I do own a couple of D7A's and am thoroughly
familiar with the D7A, so I do have some insight as to how the radio works.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

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9. [htaprs] RE: D700 Problems?

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 6 Jul 2001 12:20:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22558-2001.07.06-12.42.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is actually the D700 responding to an ?APRS? Query being generated
by someone in your area. The TH-D7 and the TM-D700 both respond to a
general ?APRS? Query regardless of whether beaconing is turned on. The
position transmitted is whatever shows in the POS screen.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> 2.   My second problem is that this radio sends out its
> position periodically
> (random time intervals) of its location and status string
> even though I DO NOT have BCON turned on nor displayed on the
> display. Performing the above hard reset did not eliminate
> this problem. Yes, I have the mode set to TNC APRS.
>
> Does anyone have any ideas that can shed some light on these
> abnormalities? Has anyone else encountered these problems?

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10. [htaprs] TH-D7a(g) What GPS Unit to use?

From: J Collins Conover <dirtyrig@excite.com>
Date: Sat, 7 Jul 2001 11:43:11 -0700 (PDT)

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22770-2001.07.07-14.04.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey everyone, this is my first post. I just received my Kenwood D7a in the
mail. I'm interested in shopping for a GPS to use with the APRS feature.
If anyone could direct me to helpful websites or offer suggestions, I would
appreciate it.

I will be travelling a lot in the next two years, so I would like to keep
the bulkiness of the equipment to a minimum. I would like to use the HT/GPS
combination in a mobile and home setting.

Thank you,
Collins

_____
"If I seem unduly clear to you, you
must have misunderstood what I said."
Alan Greenspan
_____

_____
Send a cool gift with your E-Card
http://www.bluemountain.com/giftcenter/

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11. [htaprs] Com port issue

From: "Phillip Pacier" <ad6nh@arrl.net>
Date: Sat, 7 Jul 2001 22:5:7
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22834-2001.07.07-22.26.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a problem here - I want to use my laptop during mobile operations
for APRS. That's all fine, but the TH-D7 takes one serial port and the GPS
unit would take another serial port, but the laptop only has one serial
port. Is there a way to utilize a USB or Parallel port for either the
radio or the GPS. Using WinAPRS by the way... thanks in advance.

Phil
AD6NH
Orange County SKYWARN

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12. [htaprs] Re: TH-D7a(g) What GPS Unit to use?

From: Chris McKendry <n5cwm@yahoo.com>
Date: Sat, 7 Jul 2001 20:10:26 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-22835-2001.07.07-22.31.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Magellan! As far as I know what *will* work, are the
GPS-III, and GPS-III Plus. I'm sure there are others
but I have first hand experience with both and they
are
not outrageously expensive (color screen ones for ex!)

-Chris

--- J Collins Conover <dirtyrig@excite.com> wrote:
> Hey everyone, this is my first post. I just
> received my Kenwood D7a in the
> mail. I'm interested in shopping for a GPS to use

> with the APRS feature.
> If anyone could direct me to helpful websites or
> offer suggestions, I would
> appreciate it.
>
> I will be travelling a lot in the next two years, so
> I would like to keep
> the bulkiness of the equipment to a minimum. I
> would like to use the HT/GPS
> combination in a mobile and home setting.
>
> Thank you,
> Collins
>
> _____
> "If I seem unduly clear to you, you
> must have misunderstood what I said."
> Alan Greenspan
> _____
>
>
>
>
>
>

_____
> Send a cool gift with your E-Card
> http://www.bluemountain.com/giftcenter/
>
>
>
> ---
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> administrator: wa1lou@tapr.org
>

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
http://personal.mail.yahoo.com/

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13. [htaprs] Re: Com port issue

From: rbost@itexas.net (Roy Bost)
Date: Sat, 7 Jul 2001 22:14:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22836-2001.07.07-22.35.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can't you plug the GPS into the D7?

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: D700 Problems?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sun, 8 Jul 2001 09:06:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22921-2001.07.08-11.26.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a follow up on my questions on the D700. I would like to thank all
that replied to me direct and especially to Byron Smith/WA6YLB for giving a
very thorough explanation which I have included below so that we all can
learn from these questions:

>1.   With the radio fully programmed using the Kenwood program, I went

to
>Packet Mode and ran WinAPRS with my laptop. That worked just fine,
however,
>when I shut the program down, my RESTORE.TNC file executed and it
>reprogrammed some of the parameters in the radio.

Yep. It sure did. Since the radio is out of APRS mode, the laptop talked to
the basic TNC commands, such as BEACON, BEACONtext etc.

>   My restore file
>reconfigures my Kantronics KPC-2 TNC to run my APRS station with the
>computer off line.

If your going to run the laptop on the D700, then you will want to edit the
restore . tnc file and use the init.tnc file written for d7/d700...

>Well, now my D700 would send out this beacon text line periodically which
>defined my position and icon, both of which were different from my normal
>D700 parameters.

No, actually, what's happening, is, even though you have the d700 out of TNC
mode and into APRS mode, the commands and settings that are in the TNC
commands
still are in effect. You need to put the d700 back into TNC mode, and then
fire up a laptop in terminal mode, and talk to the d700. The Kenwood program
doesn't allow setting the TNC commands, but really only major
memory and APRS commands.

Basically, you need to turn the beacon OFF command with in the TNC, not
APRS mode.

> I was not able to find where this beacon text line was
>stored in the D700 by going through all the menus and the software program.

This is correct. You cant see the basic TNC commands from the face of the
radio. This is why you need the laptop in terminal mode, to send and read
what the
settings of the TNC is. When the D700 is commanded this way, its identical
to the way a TNC works. Its like talking to an external land line modem-
you talk
to the RS232 port with a computer, and then set the commands.

Have you ever used a stand alone TNC? then if so, then think of the d700
having
commands *just* like a kpc2, hence the reason you need to talk to it to
turn off the beaconing that restore.tnc turned on.

>It drove me buggy so I finally did a complete reset to factory parameters
>and uploaded my parameters again via my Kenwood D700 program file. This
>action seemed to have gotten rid of it sending this information out
>periodically.

Sure it did. It reprogrammed the TNC commands back to default settings.
That's like rebuilding a house because a light switch was turned on.

>2.   My second problem is that this radio sends out its position
>periodically
>(random time intervals) of its location and status string even though I DO
>NOT have BCON turned on nor displayed on the display.

Within the commands of the built in TNC in the D700, BEACON every x is
turned on. Just like in a KPC2.

For the second question, I also received several replies that stated that
both the D7 and D700 will respond to the ?APRS? command which is send out by
every user everytime they start the APRS program.

Thanks again to those that responded, now I will again be able to sleep!

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: D700 Problems?

From: Bob Bruninga <bruninga@usna.edu>
Date: Sun, 8 Jul 2001 12:23:29 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-22925-2001.07.08-11.44.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, 8 Jul 2001, Herb Gerhardt, KB7UVC wrote:

> For the second question, I also received several replies that stated that
> both the D7 and D700 will respond to the ?APRS? command which is send out by
> every user everytime they start the APRS program.

APRS programs should not be doing this. APRSdos abandoned that back in
1995 and WinAPRS abandoned that back in 1997. THat was back when APRS was
new and there were few users. If any program is still doing that, then
please let us know so we can see about getting it fixed..

Thanks.
Bob

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16. [htaprs] Re: Com port issue

From: "Jay Sissom" <ka9okt@home.com>
Date: Sun, 8 Jul 2001 11:30:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22931-2001.07.08-11.52.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can plug the GPS into the TH-D7 then configure the TH-D7 radio to pass
through the GPS information. I'm not sure if WinAPRS will work setup this
way. APRS+SA does.

Another way to do it is to purchase a serial-USB adapter. I purchased one
from Keyspan that has 1 serial port on it. It was less than $50.

Jay
KA9OKT

----- Original Message -----
From: "Phillip Pacier" <ad6nh@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, July 07, 2001 12:00 AM
Subject: [htaprs] Com port issue

> I have a problem here - I want to use my laptop during mobile operations
> for APRS. That's all fine, but the TH-D7 takes one serial port and the
GPS
> unit would take another serial port, but the laptop only has one serial
> port. Is there a way to utilize a USB or Parallel port for either the
> radio or the GPS. Using WinAPRS by the way... thanks in advance.
>
> Phil
> AD6NH
> Orange County SKYWARN
>
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>

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17. [htaprs] Re: D700 Problems?

From: "Brent Hildebrand" <bhildebrand@earthlink.net>
Date: Sun, 8 Jul 2001 11:19:54 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22947-2001.07.08-13.47.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI - APRS+SA does not send out a ?APRS? on startup.

----- Original Message -----
From: "Bob Bruninga" <bruninga@usna.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Sunday, July 08, 2001 9:23 AM
Subject: [htaprs] Re: D700 Problems?

> On Sun, 8 Jul 2001, Herb Gerhardt, KB7UVC wrote:
>
> > For the second question, I also received several replies that stated
that
> > both the D7 and D700 will respond to the ?APRS? command which is send
out by
> > every user everytime they start the APRS program.
>
> APRS programs should not be doing this. APRSdos abandoned that back in
> 1995 and WinAPRS abandoned that back in 1997. THat was back when APRS was
> new and there were few users. If any program is still doing that, then
> please let us know so we can see about getting it fixed..
>
> Thanks.
> Bob
>
>
>
> ---
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>

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18. [htaprs] Re: Com port issue

From: "Scott - KD5MHM" <kd5mhm@kd5mhm.org>
Date: Sun, 8 Jul 2001 14:57:43 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22951-2001.07.08-15.19.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Phillip,
I routinely run my 'D7 with my laptop in the field. I've used both WinAPRS
and Delorme's Street Atlas 7 with SAPlus. Both seem to work well.

I have the GPS plugged into the 'D7 and the 'D7 plugged into my laptop. I
had to solder a DB-9 connector on the skinny GPS cable that came with my 'D7
but that was about all.

I also have used the TAPR.org PIC-E kit (aprs tracker) with the 'D7 and also
gotten great results.

Finally, I've used my Garmin '35 and Delorme's Tripmate ($50 refurb) with
the 'D7 and have had no problems.

If you need a wiring diagram for my GPS to 'D7 cable, just let me know!

Also, I'm interested in how well APRS does in Skywarn situations so if
something works well don't hesitate to let me know...

Best wishes,
Scott

----- Original Message -----
From: "Phillip Pacier" <ad6nh@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Saturday, July 07, 2001 12:00 AM
Subject: [htaprs] Com port issue

> I have a problem here - I want to use my laptop during mobile operations
> for APRS. That's all fine, but the TH-D7 takes one serial port and the
GPS
> unit would take another serial port, but the laptop only has one serial
> port. Is there a way to utilize a USB or Parallel port for either the
> radio or the GPS. Using WinAPRS by the way... thanks in advance.
>
> Phil
> AD6NH
> Orange County SKYWARN

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19. [htaprs] Re: TH-D7a(g) What GPS Unit to use?

From: Matt Steinhoff <mls@steinhoff.net>
Date: Sun, 8 Jul 2001 17:36:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22956-2001.07.08-16.57.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I just received my Kenwood D7a in the mail. I'm interested in
> shopping for a GPS to use with the APRS feature.
> I will be travelling a lot in the next two years, so I would like
> to keep the bulkiness of the equipment to a minimum.

    A couple weeks ago, I bought a D7AG and a Garmin eTrex Legend.
Last week, I did a road trip from Orlando to Ohio and back. In
those 2,807 miles, I never regretted my choice in gear.
    My GPS goal was something I could use for both APRS and as a
standalone tool. It had to work equally well on my bicycle as in
my car. To meet those goals, the GPS had to be able to take a
basemap of the United States and be small.
    The only GPS that met my goals was the Legend (which can be
found here... http://www.garmin.com/products/etrexLegend/ . The
street price is around $220. It is smaller than my cell phone
(it's roughly, 4.5" by 2" by 1") has a decent map of the United
States and will go 20 hours on a pair of AA batteries.
    At $220, it's a bit expensive (especially after having just
bought the D7AG). The Legend's little brother, the eTrex
(http://www.garmin.com/products/etrex/), is around $100, the
same size as the Legend but lacks any maps. I've got several
friends who really like the plain eTrex.
    I have fallen in love with the Legend's map and have spent
much time this trip planning our routes, dropping waypoints and
the like. I can't see buying a GPS that doesn't have the map
capability unless you are only going to use it for APRS.
    In your case, I highly recommend the Legend.
    Let us know what you end up buying.

    Matt (k4mls)

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20. [htaprs] Re: TH-D7a(g) What GPS Unit to use?

From: MEWintle@aol.com
Date: Sun, 8 Jul 2001 18:06:25 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22962-2001.07.08-17.27.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 7/7/01 2:46:04 PM Eastern Daylight Time,
dirtyrig@excite.com writes:

> Hey everyone, this is my first post. I just received my Kenwood D7a in the
> mail. I'm interested in shopping for a GPS to use with the APRS feature.
> If anyone could direct me to helpful websites or offer suggestions, I would
> appreciate it.

TVNAV is where I shop for GPS stuff cheap. Some people hate them, some people
love them. It's off-topic to discuss in depth. Just one place to try:

http://www.tvnav.com/navhome.html

I have a Garmin GPS III+. I can nitpick it or praise it. It's very weather
resistant (moreso than the eMap and eTrex) and small. It can display received
APRS stations on the map, which is nice. I don't think all GPS units can
receive as well as send NEMA. Garmin is releasing a replacement, the GPS V,
in the fall. You might want to wait.

I use the GPS III+ with my D7a(G). While the D7 does come with a cable that
you can build a DB-9 connector for, I just bought the $50 one from Kenwood
and used a $5 DB-9 null-modem and gender changer so that all my cables are
"factory". I plug the D7 cable into the Garmin cable. If either want to talk
to a PC, I use the same cable. Pretty simple setup and no soldering.

The only downside is it really offends most people who prefer to make the
cable themselves and can't stand to spend $50 for something they can make for
$5.

:)

MEW

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21. [htaprs] Re: Com port issue

From: Robert Winingham <kc5ejk@onramp.net>
Date: Sun, 8 Jul 2001 22:20:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-22994-2001.07.08-22.41.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I have a problem here - I want to use my laptop during mobile operations
>for APRS.

My one serial port MAC has more serial port now.

ONE.

Socket comm has several types of PCMCIA serial cards for PC's and Mac's
The PC version even comes in a dual version.

TWO.

Keyspan PDA serial adapters will work too.

There are some reports that Mac users need to use a older version of the
Keyspan install program.

THREE.
Use the Radio GPS input port.

The old dual port pico packet TNC had a port for the GPS
so most all APRS software supported having GPS data mixed with
APRS data. You might need to invoke that setting.

--

-----   kc5ejk@onramp.net   or kc5ejk@amsat.org   -----

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22. [htaprs] Re: Garmin to THD7 cable

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Mon, 9 Jul 2001 11:46:28 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23025-2001.07.09-05.07.44--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

hi,

on 9 Jul 2001, at 0:00 TAPR Hot Technology APRS digest wrote about:
htaprs digest: July 08, 2001

>
> The only downside is it really offends most people who prefer to make the
> cable themselves and can't stand to spend $50 for something they can make
> for $5.
>
> :)

there is Larry, and he makes Garmin plugs for a very good price and you can
solder the wires yourself:
http://pfranc.com/projects/g45contr/g45_idx.htm

73!
Werner
OE9FWV

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

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23. [htaprs] eTrex Legend

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Mon, 9 Jul 2001 08:35:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23044-2001.07.09-07.56.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Matt Steinhoff
> Sent: Sunday, July 08, 2001 17:36 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: TH-D7a(g) What GPS Unit to use?

    [snip]

>   The only GPS that met my goals was the Legend (which can be
> found here... http://www.garmin.com/products/etrexLegend/ . The
> street price is around $220. It is smaller than my cell phone
> (it's roughly, 4.5" by 2" by 1") has a decent map of the United
> States and will go 20 hours on a pair of AA batteries.
>   At $220, it's a bit expensive (especially after having just
> bought the D7AG). The Legend's little brother, the eTrex
> (http://www.garmin.com/products/etrex/), is around $100, the
> same size as the Legend but lacks any maps. I've got several
> friends who really like the plain eTrex.

   FWIW. I just checked the GPS Store <http://www.thegpsstore.com> and
they have the eTrex legend for $249.95 including the PC cable and some
other packages including unit, PC Cable, and Topo or Road map CDROMs for
$309.

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24. [htaprs] RE: Com port issue

From: "Richard Carter" <rich.carter@windriver.com>
Date: Mon, 9 Jul 2001 09:10:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23046-2001.07.09-08.31.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Get a USB serial adapter. They run about $20 or so.

Regards
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Phillip Pacier
Sent: Saturday, July 07, 2001 12:00 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Com port issue

I have a problem here - I want to use my laptop during mobile operations
for APRS. That's all fine, but the TH-D7 takes one serial port and the GPS
unit would take another serial port, but the laptop only has one serial
port. Is there a way to utilize a USB or Parallel port for either the
radio or the GPS. Using WinAPRS by the way... thanks in advance.

Phil
AD6NH
Orange County SKYWARN

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25. [htaprs] RE: Com port issue

From: "edoc" <kd4e@arrl.net>
Date: Mon, 9 Jul 2001 11:18:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23068-2001.07.09-10.42.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do you know if any of the USB-Serial Port adapters play nicely with Linux?
I want to use my old IBM ThinkPad 360cse for mobile APRS.

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

> Get a USB serial adapter. They run about $20 or so.
>
> Regards
> Rich - KE1EV

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26. [htaprs] Cable Extension for the D700

From: "Petz, Michael" <MPetz@stlcc.cc.mo.us>
Date: Mon, 9 Jul 2001 10:22:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23070-2001.07.09-10.46.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a D700 that I wish to mount in the trunk of my car. I a looking at
two options, either purchase the Kenwood extension cable or build my own.

        First, what is the part number of the Kenwood cable and what is the
length of the cable. Do they extend the microphone, control head and
speaker? Any good dealers to purchase one from??

        Second, if I build my own cable, is there a web page for the pin
outs. I was considering CAT5 cable, but the CAT5 cable that I have is solid
conductor - I don't know how well that will work in a vehicle. Any thoughts
or ideas on this subject will be appreciated.
~~~~~~

Thank in advance
Michael KA9HNT
mpetz@stlcc.cc.mo.us

27. [htaprs] More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 09:28:23 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23080-2001.07.09-11.49.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wrote about this a while back, but the problem still continues.

On one of my laptops, the D700 MCP software works fine if I use a straight-through DB25-DB25 serial cable with adapters to convert it to DB9 connectors at each end.

I have tried serial cables that work just fine with my SCS PTC-II (DB9's on each end) and have bought several other DB9 cables from places like Radio Shack. *None* of them work! The only one that works with my D700 (and other D700s that I've tested) is this DB25 cable with all the adapters!

Now, I'd say that it was a problem with the COM port connector on my laptop, but it works with every other serial device I own. I'd say it was the cables, but I've tried many, many different cables. I'd say it's the radio, but I've tried a couple of different radios.

I'd try it on my new laptop, but that's running WinME, and the MCP software is incompatible with WinME.

Any suggestions?

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: Cable Extension for the D700

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 09:32:53 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23081-2001.07.09-11.53.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 9 Jul 2001, Petz, Michael wrote:

> Second, if I build my own cable, is there a web page for the pin
> outs. I was considering CAT5 cable, but the CAT5 cable that I have is solid
> conductor - I don't know how well that will work in a vehicle. Any thoughts
> or ideas on this subject will be appreciated.

Go to the Kenwood website (http://www.kenwood.net) click on Amateur, then Downloads at the top of the screen. Go to the Amateur section, then Connectors. Download the Connectors.pdf document.

ftp://216.133.235.165/Amateur/Connectors/Connectors.pdf

This document describes (with pictures) all the current Kenwood connectors, from microphone to modular, to GPS.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 10:32:27 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-23091-2001.07.09-12.53.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It has been suggested that the working DB25 cable might be a null-modem
cable (that reverses the TX/RX cables) and that I should try a null-modem
adapter on the DB9 cables to see if that gets them working.

The Kenwood manual says the cables should be "straight-through" (not
null-modem)... but has anyone found that *not* to be the case? I know the
manual for the D7 has the GPS connections reversed, so maybe the D700
manual is incorrect here?

Julian

On Mon, 9 Jul 2001, Julian Frost wrote:

> I wrote about this a while back, but the problem still continues.
>
> On one of my laptops, the D700 MCP software works fine if I use a
> straight-through DB25-DB25 serial cable with adapters to convert it to DB9
> connectors at each end.
>
> I have tried serial cables that work just fine with my SCS PTC-II (DB9's
> on each end) and have bought several other DB9 cables from places like
> Radio Shack. *None* of them work! The only one that works with my D700
> (and other D700s that I've tested) is this DB25 cable with all the
> adapters!
>
> Now, I'd say that it was a problem with the COM port connector on my
> laptop, but it works with every other serial device I own. I'd say it was
> the cables, but I've tried many, many different cables. I'd say it's the
> radio, but I've tried a couple of different radios.
>
> I'd try it on my new laptop, but that's running WinME, and the MCP
> software is incompatible with WinME.
>
> Any suggestions?
>
> Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: More COM Port Issues

From: "Jim King" <jim@jimking.net>
Date: Mon, 9 Jul 2001 12:38:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23093-2001.07.09-12.59.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It depends on how the cable from the D7 is wired. I use the same cable to
connect to my GPS and to connect to my PC (I don't do both at the same time,
obviously). With that cable I need to also use a null modem cable between
the D7 and the PC. When I eventually get around to making another cable to
use between the D7 and the PC I'll wire the data pins the other way and use
a straight-through cable with it.

Jim

----- Original Message -----
From: "Julian Frost" <jfrost@eclectic.ss.uci.edu>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, July 09, 2001 12:32 PM
Subject: [htaprs] Re: More COM Port Issues

> It has been suggested that the working DB25 cable might be a null-modem
> cable (that reverses the TX/RX cables) and that I should try a null-modem
> adapter on the DB9 cables to see if that gets them working.
>
> The Kenwood manual says the cables should be "straight-through" (not
> null-modem)... but has anyone found that *not* to be the case? I know the
> manual for the D7 has the GPS connections reversed, so maybe the D700
> manual is incorrect here?
>

> Julian
>
>
> On Mon, 9 Jul 2001, Julian Frost wrote:
>
> > I wrote about this a while back, but the problem still continues.
> >
> > On one of my laptops, the D700 MCP software works fine if I use a
> > straight-through DB25-DB25 serial cable with adapters to convert it to
DB9
> > connectors at each end.
> >
> > I have tried serial cables that work just fine with my SCS PTC-II (DB9's
> > on each end) and have bought several other DB9 cables from places like
> > Radio Shack. *None* of them work! The only one that works with my D700
> > (and other D700s that I've tested) is this DB25 cable with all the
> > adapters!
> >
> > Now, I'd say that it was a problem with the COM port connector on my
> > laptop, but it works with every other serial device I own. I'd say it
was
> > the cables, but I've tried many, many different cables. I'd say it's the
> > radio, but I've tried a couple of different radios.
> >
> > I'd try it on my new laptop, but that's running WinME, and the MCP
> > software is incompatible with WinME.
> >
> > Any suggestions?
> >
> > Julian
>
>
> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: More COM Port Issues

From: Alex <kr1st@amsat.org>
Date: Mon, 09 Jul 2001 14:14:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23104-2001.07.09-13.33.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If you have a working combination of a cable and adapters, why not
simply use your DMM to find out how the successful connection works (a
cheap DMM at RS costs about the same as a DB9 cable). It would solve the
mystery forever and saves a lot of agony (and probably money) trying out
endless combinations of cables and adaptors.

73,
--Alex

Julian Frost wrote:

> > The only one that works with my D700
> > (and other D700s that I've tested) is this DB25 cable with all the
> > adapters!
> >
> > Any suggestions?
> >
> > Julian

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32. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 12:16:09 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23114-2001.07.09-14.37.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 9 Jul 2001, Jim King wrote:

> It depends on how the cable from the D7 is wired.

The problem is with the D700, not the D7.

Julian

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33. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 12:21:22 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23115-2001.07.09-14.42.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 9 Jul 2001, Alex wrote:

> If you have a working combination of a cable and adapters, why not
> simply use your DMM to find out how the successful connection works (a
> cheap DMM at RS costs about the same as a DB9 cable). It would solve the
> mystery forever and saves a lot of agony (and probably money) trying out
> endless combinations of cables and adaptors.

This is a good suggestion... but as you can see from some of the other
responses, people who use the exact same DB9 straight-through cable from
Radio Shack have no problems! So I'm starting to think that maybe there
is something hokey on my computer afterall. :-)

Julian

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34. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 14:19:47 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23144-2001.07.09-16.40.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Judging from some of the responses I've received off-list about my
D700 - Laptop serial connection problems, there seems to be some
confusion. Let me try to clear that up.

What I *want* to do is Keep It Simple. I want to use a Female/Female DB9
cable to connect my laptop to my D700.

I have several such cables, from several different manufacturers. All of
them are straight-through serial cables (not null-modem cables).

None of these Female/Female DB9 cable work.

When using them with a dumb-terminal program, I can clearly see characters
getting lost during transmission to/from the computer and D700 (in Packet
mode). Both the D700 and the terminal software are communicating at the
same BAUD rate. When I use Kenwood's MCP software, the program simply
times out with a COM port error.

The *only* cable that works perfectly, is a DB25 cable with a bunch of
adapters converting it down to a DB9 female at each end.

The question is... why are the DB9 cables not working?

I've replaced the cables.
I've replaced the radio(!).
The computer's COM port works perfectly with EVERY other serial device
I've tried (including other TNCs connected at all BAUD rates) even when
using those same cables that don't work with the D700!

I'd be happy using the cables with all the adapters, but that causes
excessive wear and tear on the radio and computer, and if an adapter gets
lost, I'd be stuck until I could buy another.

I'm at a loss.

Julian

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35. [htaprs] Re: More COM Port Issues

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 9 Jul 2001 16:33:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23146-2001.07.09-16.54.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Julian,

If you want to read up on what might be going on with your serial cable
please look at this web site http://www.airborn.com.au/rs232.html

As you can tell your adapters may be adding or removing some hand shake
wire that might be needed by the computer. I only use three wires between
the D700/D7 and my computer. But on the computer end I have jumped all the
hand shake wires in the db25 connector.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
NetMeeting Directory server for IU ils.iu.edu
IP Phone number 812-856-9251

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36. [htaprs] Re: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 09 Jul 2001 16:58:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23148-2001.07.09-17.19.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:19 PM 7/9/01, Julian Frost wrote:

>The *only* cable that works perfectly, is a DB25 cable with a bunch of
>adapters converting it down to a DB9 female at each end.
>
>The question is... why are the DB9 cables not working?

Time to do some detective work. Use a continuity tester to map out
pin-for-pin the differences in the cables an then make up a custom cable
for your situation. A couple of DB-9F's, hoods, and some shielded
multi-conductor cable shouldn't set you back too much.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: More COM Port Issues

From: Benjamin Ng <benjamin@ngfamily.net>
Date: Mon, 09 Jul 2001 15:09:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23149-2001.07.09-17.31.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I don't own a D700 but I do have a D7. I made a cable between PC and D7
and another one for PC to GPS.   They work great.

All they need is pin 2,3 and 5 in a DB9. D700 might need more signals.

You need to make sure that the DTE & DCE relations. A PC usually is DTE
. If you could get a DB25 serial adapter with LEDs on it and it will show
you signals at each pin. There is no guess work here.

Oh, if the DB25 cable works with a bunch of connectors, then that means
your db9 cable may not be translating all the necessary pins such as RTS,
CTS, etc. or you might need a loop on one end to start the connections per
say.

Good luck.

At 02:33 PM 7/9/2001, Hazen, Dwight L wrote:
> Julian,
>
>
> If you want to read up on what might be going on with your serial cable
>please look at this web site http://www.airborn.com.au/rs232.html
>
> As you can tell your adapters may be adding or removing some hand shake
>wire that might be needed by the computer. I only use three wires between
>the D700/D7 and my computer. But on the computer end I have jumped all the
>hand shake wires in the db25 connector.
>
>   Dwight
>
>
>
>
>
>Dwight L. Hazen, Indiana University, UITS
>Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
>http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
>NetMeeting Directory server for IU ils.iu.edu
>IP Phone number 812-856-9251
>
>
>
>
>---
>You are currently subscribed to htaprs as: kk7ben@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 17:42:18 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23172-2001.07.09-20.03.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lots more good suggestions...

On Mon, 9 Jul 2001, Mark Fellhauer wrote:

> Time to do some detective work. Use a continuity tester to map out
> pin-for-pin the differences in the cables an then make up a custom cable
> for your situation.

I just did this. I took the adapter-laden DB25 cable and did a continuity test Pin 1-Pin 1, Pin 2-Pin 2 etc. Then I checked one of my DB cables. No difference. The DB25+Adapters works. The DB9 does not.

There are no shorted connections in DB25+Adaptor cable, nor in the DB9.

I'm out of ideas. It's not like the DB9 cables don't pass data, they *do*, it's just that the loose characters.

Julian

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39. [htaprs] Re: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 09 Jul 2001 19:55:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23174-2001.07.09-20.16.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:42 PM 7/9/01, Julian Frost wrote:

>I'm out of ideas. It's not like the DB9 cables don't pass data, they
>*do*, it's just that the loose characters.

I've seen this happen quite frequently on cables. Sometimes the pins and cups corrode, or their tolerances open up with age.   I have an "octopus" null-modem cable that does this and it has a nasty tendency to drop "bits."   This can be the cause of much consternation, because the cable will test OK, just not work OK.   I would make a custom cable for you application with new components.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 18:26:48 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23179-2001.07.09-20.47.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 9 Jul 2001, Mark Fellhauer wrote:

> I've seen this happen quite frequently on cables. Sometimes the pins and
> cups corrode, or their tolerances open up with age.   I have an "octopus"
> null-modem cable that does this and it has a nasty tendency to drop
> "bits."   This can be the cause of much consternation, because the cable
> will test OK, just not work OK.   I would make a custom cable for you
> application with new components.

But *all* of the numerous DB9 female/female cables exhibit the same problem, from different manufacturers! And they're all brand new!

As a further test, I just went out to the truck and hooked up the DB25+Adapters cable, put the D700 into packet mode and typed "DISP". I got several screenfulls of information, all properly formatted with no missing characters. I then swapped the DB25 for a brand new DB9 cable. I typed "DISP" and got three or four lines of junk, then nothing.

This is REALLY frustrating, and has been something I've struggled with for
more than 8 months.

Julian

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41. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 9 Jul 2001 20:17:40 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23201-2001.07.09-22.38.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, I finally broke down and made myself a simple serial cable,
connecting Pin 2 - Pin 2, Pin 3 - Pin 3 and Pin 5 - Pin 5 and it works
fine.

I figure that if this isn't good enough, I'll make up another with the
handshaking lines added, but it seems to do what I need it to do. I have
NO IDEA why the store bought cables do not work.

Thanks greatly to all who responded.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 09 Jul 2001 22:27:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23202-2001.07.09-22.48.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 08:26 PM 7/9/01, Julian Frost wrote:

>But *all* of the numerous DB9 female/female cables exhibit the same
>problem, from different manufacturers! And they're all brand new!

It may not be the cable - it may be the ports themselves. Or it may
actually be a ground differential (pretty common). Again, I'd custom make
a cable with only the bare essential pins connected - RXD, TXD, and
Common. I've seen some pretty strange things happen with computers and
peripherals. We had a printer that would only work with one particular
cable. It turns out that the connector on the printer had wiggled loose
from the PC board ever so slightly and that particular cable skewed it
enough to make contact. When I reflowed the solder to the connector the
printer started working again perfectly with any cable. It may be that
the mass of the DB-25 and the adapter is doing the same thing in your
case. Just a supposition on my part.

It may be time to invest in or borrow a breakout box, an RS-232 tester (the
kind with the LEDs), and a loopback tester (I made my own loopback
tester). These little devices have proved invaluable to me many times -
of course I'm a computer technician by trade...

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: More COM Port Issues

From: "Richard Amirault" <ramirault@erols.com>
Date: Mon, 9 Jul 2001 23:37:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23207-2001.07.09-22.58.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe you could try one of the RS-232 testers that Radio Shack sells. They have a number of LED's that show the status of various signals.... just an idea.

Richard Amirault N1JDU Boston, MA, USA
www.erols.com/ramirault "Go Fly A Kite"
----- Original Message -----
From: "Julian Frost" <jfrost@eclectic.ss.uci.edu>
Subject: [htaprs] Re: More COM Port Issues

> I'm out of ideas. It's not like the DB9 cables don't pass data, they
> *do*, it's just that the loose characters.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] RE: Com port issue

From: "Jay Sissom" <ka9okt@home.com>
Date: Mon, 9 Jul 2001 22:42:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23208-2001.07.09-23.05.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought the Keyspan PDA USB adapter because it works with Linux. The cheaper ones that have been listed on the sig don't have linux drivers. The Keyspan drivers are built into the 2.4.x kernel. I couldn't find any other single serial port adapters that worked with Linux. There is a Web site about USB devices working in Linux at http://www.linux-usb.org/.

73
Jay
KA9OKT

----- Original Message -----
From: "edoc" <kd4e@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, July 09, 2001 10:18 AM
Subject: [htaprs] RE: Com port issue

> Do you know if any of the USB-Serial Port adapters play nicely with Linux?
> I want to use my old IBM ThinkPad 360cse for mobile APRS.
>
> Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO
>
> ~~~~~~
>
> > Get a USB serial adapter. They run about $20 or so.
> >
> > Regards
> > Rich - KE1EV
>
>
>
> ---
> You are currently subscribed to htaprs as: ka9okt@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Re: More COM Port Issues

From: Brian D Heaton <bdheaton@c4i2.com>
Date: Mon, 9 Jul 2001 22:25:36 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23210-2001.07.09-23.36.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any chance something is attempting XON/XOFF flow control??

73/N5VFF

--
==========
Brian D Heaton | I fear that we have awakened
Principal Consultant | a sleeping giant and instilled
C4I2.com System Consultants | in him a terrible resolve.
bdheaton@c4i2.com | -- Admiral Isoruku Yamamoto
USA (719) 623-0381 | -- Imperial Japanese Navy
UK +44 (0)845 127-5400 | -- December 7, 1941

On 2001.07.09 18:42 Julian Frost wrote:
> Lots more good suggestions...
>
>
> On Mon, 9 Jul 2001, Mark Fellhauer wrote:
>
> > Time to do some detective work. Use a continuity tester to map out
> > pin-for-pin the differences in the cables an then make up a custom
> cable
> > for your situation.
>
> I just did this. I took the adapter-laden DB25 cable and did a continuity
> test Pin 1-Pin 1, Pin 2-Pin 2 etc. Then I checked one of my DB cables. No
> difference. The DB25+Adapters works. The DB9 does not.
>
> There are no shorted connections in DB25+Adaptor cable, nor in the DB9.
>
> I'm out of ideas. It's not like the DB9 cables don't pass data, they
> *do*, it's just that the loose characters.
>
> Julian
>
>
> ---
> You are currently subscribed to htaprs as: bdheaton@c4i2.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: TH-D7a(g) What GPS Unit to use?

From: "Glen Tubbesing" <gtubbesing@earthlink.net>
Date: Tue, 10 Jul 2001 01:01:18 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23233-2001.07.10-03.22.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey, Chris... you may want to check your GPS manufacturers. Garmin makes
the GPS-III and III-Plus, NOT Magellan. Magellan has the GPS 310, 315 and
320, plus some other models.

Glen N7GOT
Las Vegas, NV

----- Original Message -----
From: "Chris McKendry" <n5cwm@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, July 07, 2001 08:10 PM
Subject: [htaprs] Re: TH-D7a(g) What GPS Unit to use?

> Magellan! As far as I know what *will* work, are the
> GPS-III, and GPS-III Plus. I'm sure there are others
> but I have first hand experience with both and they
> are
> not outrageously expensive (color screen ones for ex!)
>
> -Chris

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Telephone headset adapter for 2-way radios

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Tue, 10 Jul 2001 12:53:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23321-2001.07.10-13.14.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I recently noticed in Radio Shack's Catalog the (21-1832) Telephone headset adapter for 2-way radios. Their web site has very little information on the unit as to what radios specifically it will work with. I'm assuming it WILL NOT work with the TH-D7(G) as most of the RS accessories are designed to work with RS/ICOM/Yaesu keying.   Can anyone confirm this?   If this is the case, does anyone know of a vendor that sells a similar unit compatible with Kenwood HT keying?

And please, I'm already aware that many companies sell PTT/VOX headsets. What I'm looking for is a PTT/VOX box for Kenwood HT's that allows you to plug in a standard telephone headset (2.5 MM stereo plug) (similar to the one RS sells).

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: Telephone headset adapter for 2-way radios

From: "Don DeJarnette" <ddej@simplecom.net>
Date: Tue, 10 Jul 2001 13:03:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23325-2001.07.10-13.25.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I can confirm the the RS VOX headset will NOT work with the Kenwood TH-D7A(G). I have the Kenwood VOX headset (with the earplugs) and it sucks.

I would also be interested in a REAL light weight VOX headset for the Kenwood.

73 de Don KC4YRT

>
> I recently noticed in Radio Shack's Catalog the (21-1832) Telephone
headset
> adapter for 2-way radios. Their web site has very little information on
> the unit as to what radios specifically it will work with. I'm assuming
it
> WILL NOT work with the TH-D7(G) as most of the RS accessories are designed
> to work with RS/ICOM/Yaesu keying.   Can anyone confirm this?   If this is
> the case, does anyone know of a vendor that sells a similar unit
compatible
> with Kenwood HT keying?
>
> And please, I'm already aware that many companies sell PTT/VOX
> headsets. What I'm looking for is a PTT/VOX box for Kenwood HT's that
> allows you to plug in a standard telephone headset (2.5 MM stereo plug)
> (similar to the one RS sells).

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] RE: Telephone headset adapter for 2-way radios

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Tue, 10 Jul 2001 12:00:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23360-2001.07.10-14.21.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,
I purchased this product last weekend. It worked great with my Icom and
Cobra HT (CB) but as you suggested,
the Kenwood keying is backwards from most.

I used the product to mute my car stereo when frequency activity was sent
out the speaker of my TH-D7(G). My OEM (2000 Jeep Cherokee) stereo had an
unused "Mute" connection. I just had to put it to use.   Product works
great for both this purpose and as a Small versatile VOX. Just not for the
Kenwood unless you wire up your own connector.

Patrick
KC6TCVB

-----Original Message-----
From: Mark Fellhauer [mailto:sparkfel@qwest.net]
Sent: Tuesday, July 10, 2001 10:53 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Telephone headset adapter for 2-way radios

I recently noticed in Radio Shack's Catalog the (21-1832) Telephone headset
adapter for 2-way radios. Their web site has very little information on
the unit as to what radios specifically it will work with. I'm assuming it
WILL NOT work with the TH-D7(G) as most of the RS accessories are designed
to work with RS/ICOM/Yaesu keying.   Can anyone confirm this?   If this is
the case, does anyone know of a vendor that sells a similar unit compatible
with Kenwood HT keying?

And please, I'm already aware that many companies sell PTT/VOX
headsets. What I'm looking for is a PTT/VOX box for Kenwood HT's that
allows you to plug in a standard telephone headset (2.5 MM stereo plug)
(similar to the one RS sells).

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: patrick@vikingcomponents.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] RE: Packet's

From: "Rik Stallings" <rik@lcsd.logan.k12.ut.us>
Date: Tue, 10 Jul 2001 14:39:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23372-2001.07.10-16.00.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there some "Best Practices" document for setting up digis and Igates?
I'm getting ready to crank one up and thought I knew what I was doing. Now
I'm not sure. The more research I do, the more conflicting info I seem to
pick up.

~~~~~~
Rik Stallings
Network Systems Administrator
Logan City School District

E-Mail: rik@lcsd.logan.k12.ut.us
Ham callsign: N7XZ

"There's room to move as a fry cook!"

> -----Original Message-----
> From: bounce-htaprs-19929@lists.tapr.org
> [mailto:bounce-htaprs-19929@lists.tapr.org]On Behalf Of AE5PL Lists
> Sent: Friday, June 08, 2001 8:46 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: Packet's
>
>
> You have just hit the problem on the head that Bob is talking about.
> The current digi.pos file is generated showing anyone using the star
> icon "#" (a star with a "N" overlay ("N#") is the "standard" for WIDEn-n
> digi's). IGates are "supposed to be" a gate icon with an "I" overlay
> ("I&"). However, many people use the "/I" (TCP/IP) symbol for an IGate.
>
> A non-NWS weather station is to be "/_". If the station is also a digi,
> use "_". If it is a WIDEn-n digi, use "N_". One word of caution here:
> ...

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: More COM Port Issues

From: "Alan Morris, G4ENS" <alan@computerweekly.net>
Date: Tue, 10 Jul 2001 00:36:57 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23396-2001.07.10-16.57.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Original Message From: Alex <kr1st@amsat.org>

> If you have a working combination of a cable and adapters, why not
> simply use your DMM to find out how the successful connection works
(a
> cheap DMM at RS costs about the same as a DB9 cable). It would solve
the
> mystery forever and saves a lot of agony (and probably money) trying
out
> endless combinations of cables and adaptors.

It has been reported that certain makes of laptop PC have serial ports
that refuse to work with certain items.

This maybe due to the voltage swing between +ve and -ve. The RS232
standard has a voltage specification that I can't now remember; say
from + 12 volts to -12 volts.

Some devices do not swing + to -, but to zero. This works on many
devices, but not all. Some will swing +3 to -3, others +4.8 to zero
(TTL logic chips).

Have a look on the combination that works with a 'scope. Look for the
actual voltage swing. Then do the same with the combination that does
not work. Look at the TX and Rex data lines.
--
Alan Morris, G4ENS.
Bury St Edmunds, Suffolk. UK.

No HTML used above as I connect at 9.6 Kb. with Nokia 6210e.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
~~~~~~

52. [htaprs] RE: More COM Port Issues

From: "Brian B. Riley" <brianbr@macconnect.com>
Date: Thu, 12 Jul 2001 13:54:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23785-2001.07.12-13.15.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: Julian Frost
> Sent: Monday, July 09, 2001 12:28 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] More COM Port Issues

  [snip]

> I have tried serial cables that work just fine with my SCS
> PTC-II (DB9's
> on each end) and have bought several other DB9 cables from places like
> Radio Shack. *None* of them work! The only one that works with my D700
> (and other D700s that I've tested) is this DB25 cable with all the
> adapters!

 You must have a problem somewhere ... I bought a Rat Shack DB-9F to
DB-9F cable and it worked fine. I have used about six different cables
of varying connector setups with appropriate tweenies and they have all
worked ...

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] RE: More COM Port Issues

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 12 Jul 2001 14:06:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23787-2001.07.12-13.27.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I had problems too. I think its due to CTS/DSR
signals. My laptop refused to talk to my D-700
while in my truck. I brought the d700 into the house,
attached a 12v ps, and hooked it to my Desktop, worked fine,
same cables...

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Brian B. Riley [mailto:brianbr@macconnect.com]
Sent: Thursday, July 12, 2001 1:54 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: More COM Port Issues

> -----Original Message-----
> From: Julian Frost
> Sent: Monday, July 09, 2001 12:28 PM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] More COM Port Issues

  [snip]

> I have tried serial cables that work just fine with my SCS
> PTC-II (DB9's
> on each end) and have bought several other DB9 cables from places like
> Radio Shack. *None* of them work! The only one that works with my D700
> (and other D700s that I've tested) is this DB25 cable with all the
> adapters!

You must have a problem somewhere ... I bought a Rat Shack DB-9F to
DB-9F cable and it worked fine. I have used about six different cables
of varying connector setups with appropriate tweenies and they have all
worked ...

You are currently subscribed to htaprs as: Ed.Bathgate@marconi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] RE: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Thu, 12 Jul 2001 11:39:04 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23795-2001.07.12-14.00.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 12 Jul 2001, Bathgate, Ed wrote:

>
> I had problems too. I think its due to CTS/DSR
> signals. My laptop refused to talk to my D-700
> while in my truck. I brought the d700 into the house,
> attached a 12v ps, and hooked it to my Desktop, worked fine,
> same cables...

Very interesting!!

Is there anything that can be done about that? Do you think it's a problem
with the way the D700 is manufactured, or the laptop?

Julian

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] RE: More COM Port Issues

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 12 Jul 2001 14:45:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23798-2001.07.12-14.06.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im assuming the laptop is the problem.

Rick Edward said:
>Did you have hardware handshaking turned on with your laptop?

I was using the Kenwood d700 control program. I did not try
to reconfig the D700 ctl prog. I did not play with any of
the serial port properties in windows, as it worked ok with
my KPC-3 TNC.

Ed

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Julian Frost [mailto:jfrost@eclectic.ss.uci.edu]
Sent: Thursday, July 12, 2001 2:39 PM
To: Bathgate, Ed
Cc: TAPR Hot Technology APRS
Subject: Re: [htaprs] RE: More COM Port Issues

On Thu, 12 Jul 2001, Bathgate, Ed wrote:

> I had problems too. I think its due to CTS/DSR
> signals. My laptop refused to talk to my D-700
> while in my truck. I brought the d700 into the house,
> attached a 12v ps, and hooked it to my Desktop, worked fine,
> same cables...

Very interesting!!

Is there anything that can be done about that? Do you think it's a problem with the way the D700 is manufactured, or the laptop?

Julian

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56. [htaprs] www.pocketaprs.com?

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 12 Jul 2001 15:05:47 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23832-2001.07.12-17.21.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is www.pocketaprs.com down? I can't seem to get in. Any news on what is up (or down).

Thanks,

Walter

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] RE: More COM Port Issues

From: "Richard Clemens" <clemens@wvwc.edu>
Date: Thu, 12 Jul 2001 17:13:59 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23833-2001.07.12-17.36.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are known problems with serial ports on IBM thinkpads and other laptops. Often they are not even close to meeting RS-232 standards. ie. control signals in the + or - 3 to 5 volt range. Often cause some equipment to work and some not to work depending on the method used to detect a control signal.
--
Rich Clemens
clemens@wvwc.edu

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

58. [htaprs] RE: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Thu, 12 Jul 2001 17:50:15 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23843-2001.07.12-20.11.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 12 Jul 2001, Richard Clemens wrote:

> There are known problems with serial ports on IBM thinkpads and other
> laptops. Often they are not even close to meeting RS-232 standards. ie.
> control signals in the + or - 3 to 5 volt range. Often cause some equipment
> to work and some not to work depending on the method used to detect a
> control signal.

Would it make sense, then, to have the D700 respond to signals in the - 3
to 5 V range, rather than be "limited" by the RS-232 standard, knowing
that many laptops have this problem (and that hams often use thier radios
mobile)?

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] RE: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 12 Jul 2001 20:36:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23849-2001.07.12-20.57.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:50 PM 7/12/01, Julian Frost wrote:

>Would it make sense, then, to have the D700 respond to signals in the - 3
>to 5 V range, rather than be "limited" by the RS-232 standard, knowing
>that many laptops have this problem (and that hams often use thier radios
>mobile)?

I think people are jumping to conclusions. Have you bothered to actually
measure the voltage swings on the laptop? Or do we know that the D700
can't respond to low level RS-232 signals? What operating system are we
talking about? From what's been said here the Kenwood program doesn't seem
to work with WinME (although I have never tested that myself).

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] Re: www.pocketaprs.com?

From: "ScottM" <smorris@mindspring.com>
Date: Thu, 12 Jul 2001 22:13:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23851-2001.07.12-21.34.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Its not even resolving the URL to an ipaddress. I'd say DNS is down, at the
least.

Scott
----- Original Message -----
From: "Walter Dunckel" <walter@radiohound.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, July 12, 2001 6:05 PM
Subject: [htaprs] www.pocketaprs.com?

> Is www.pocketaprs.com down? I can't seem to get in. Any news on what is up
> (or down).
>
> Thanks,
>
> Walter
>
>
> ---
> You are currently subscribed to htaprs as: smorris@mindspring.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] RE: More COM Port Issues

From: rsnyder@toontown.erial.nj.us (Bob Snyder)
Date: Thu, 12 Jul 2001 23:37:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23859-2001.07.12-22.58.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, Jul 12, 2001 at 08:36:19PM -0500, Mark Fellhauer wrote:
>
> I think people are jumping to conclusions. Have you bothered to actually
> measure the voltage swings on the laptop? Or do we know that the D700

I did it just this morning before reading these messages, as I'm trying to troubleshoot an inability to use by rigblastic nomic with my thinkpad. I was measuring 10v between RTS/DTR and the ground pin. :-P

Bob N2KGO

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62. [htaprs] RE: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 13 Jul 2001 04:14:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23889-2001.07.13-04.36.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:37 PM 7/12/01, Bob Snyder wrote:

>I did it just this morning before reading these messages, as I'm trying to
>troubleshoot an inability to use by rigblastic nomic with my thinkpad. I was
>measuring 10v between RTS/DTR and the ground pin. :-P

10 volts is pretty darn good. Are you using Windows ME? The Rigblaster site points out a common malady with ME which has a tendency to leave DTR and or RTS high after a fresh boot. I discovered this within 10 minutes after "upgrading" to ME on my Gateway Laptop. Having an RS-232 tester is a handy thing.

I've seen a lot of people with Dell and IBM laptops noting difficulty with com ports on the 'net, but of all the laptop and pentop computers I've owned, none of them have been a Dell or IBM model. And being in Sioux Falls means that 90% of my clients with laptops are using a Gateway product. ;)

I'd love to get my hands on one of these errant beasts to see what's going on. Most of the problems I've seen have been with other devices "stealing" com ports. Serial WinCe and Palm devices are notorious for this, as are USR modems and HP scanners.

As I have said before, I've seen some odd manufacturing issues where ports should work, but don't. There was a PII motherboard a few years back made by Quanta (OEM for Dell, Gateway, I-opener, and others) that had onboard sound (Creative chipset). The onboard MIDI port has a nasty habit of dropping notes on when attached to certain keyboards. The fix was to add a drop-in soundcard and disable onboard sound, since no one could track down why it was happening. I also remember a motherboard (halfway through it's production life) that after changing suppliers for resistors, the printer ports refused to work with certain printers. And in that case the problem was traced back to one resistor. The actual value of the errant component hadn't changed, just the vendor. Odd, but true. I've seen several motherboards that behave erratically if one uses a mouse or keyboard PS/2 extension cable.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Alinco DR 135P

From: John Kraus <kc4zgq@bellsouth.net>
Date: Fri, 13 Jul 2001 10:49:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23905-2001.07.13-10.03.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would like to know what is the group opinion of the Alinco DR-135P ? I am speaking of the one with built in TNC not the one without it. I like the idea of voice and data in one package for ARES work but the Kenwood is WAY too expensive and heavy.

I want something that can work terrestrial packet including APRS and connected modes. It would be used with a computer so the ability to self-display data is not very important. It might also be used as a tracker at times with a separate gps of course. This makes the front panel GPS input valuable as it would allow the radio to be used mobile on voice and with a switch of frequency and the attachment of the GPS and/or laptop/palmtop one could then beacon a position via APRS or relay a damage assessment via packet.

A most important factor is that the system be compact with a minimum of interconnects that can fail, get lost, or otherwise provide Mr. Murphy with opportunities to induce baldness producing activities on the part of the operator during a crisis.

But if the radio is not reliable and reasonably rugged it is less than worthless. My experience with Alinco has been mostly satisfactory. With the exception of the DJ 580 HT's I have found their products to be functional and useful. They are also priced right. However, I want to know if the built in TNC has the ability to output APRS style posits like the KPC-3 can from the GPS input.
John F. Kraus
kc4zgq@hotmail.com
jkraus3@bellsouth.net
kraus_jf@ACADMN.MERCER.EDU

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Re: Alinco DR 135P

From: rbost@itexas.net (Roy Bost)
Date: Fri, 13 Jul 2001 10:02:53 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23909-2001.07.13-10.23.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The DR-135P is great for use as a tracker. BUT, it does not DIGI, which limits it's use in a fixed situation. I use one here at the house and it is great, but then I don't need it to digi. At HAMCOM the Alinco people hinted that there might be a new version of the rom chip coming out that will include the digi function. Check N5TAM on findu.com to see what the packets look like.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

65. [htaprs] Re: Alinco DR 135P

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Fri, 13 Jul 2001 11:24:26 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23910-2001.07.13-10.45.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How does it work with an external computer and APRSDOS
or APRSTK? Im planning on rebuilding my home APRS setup
after the lightning hit. I finally got the $$$ insurance,
and am considering this rig, as my KPC3, HT & 35w amp fried.

This might make a cleaner install too, less parts, and cables.

I read the manual, and it appears to have a unique command set.
It does have a KISS mode, which I think works with APRSDOS.
Is this correct?
Anybody done this before?

73

Ed N3SDO

Ed Bathgate MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575 Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: rbost@itexas.net [mailto:rbost@itexas.net]
Sent: Friday, July 13, 2001 11:03 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: Alinco DR 135P

The DR-135P is great for use as a tracker. BUT, it does not DIGI, which limits it's use in a fixed situation. I use one here at the house and it is great, but then I don't need it to digi. At HAMCOM the Alinco people hinted that there might be a new version of the rom chip coming out that will include the digi function. Check N5TAM on findu.com to see what the packets look like.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] RE: Alinco DR 135P

From: "Rich Carter" <rich.carter@windriver.com>
Date: Fri, 13 Jul 2001 11:38:18 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23911-2001.07.13-10.48.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Kenwood radios are designed for APRS and packet operation while still providing voice on the second channel. You will not find the same capability with the Alinco radio, so you are comparing apples and oranges. The Alinco is a single band 2m rig. The Kenwoods do both 2m and 440. They are dual channel radios, allowing simultaneous operation on two channels at the same time. One channel can service APRS while the second channel can do voice. It is almost like having two radios in one package.

The D700 is expensive, but the D7 is very compact and much more reasonable. I have both radios, and find that I very rarely need the extra power provided by the D700. The D7 provides almost all the same functionality of the D700. The D700 is easier to use and easier to read.

I would not describe either radio as being very robust in design. The D7 is not water resistant and can easily be damaged if you drop it. The radio provides good service if you take care of it. It must be protected against spray or immersion and must not be dropped.

Rich _ KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of John Kraus
Sent: Friday, July 13, 2001 10:50 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Alinco DR 135P

I would like to know what is the group opinion of the Alinco DR-135P ? I am speaking of the one with built in TNC not the one without it. I like

the idea of voice and data in one package for ARES work but the Kenwood is
WAY too expensive and heavy.

I want something that can work terrestrial packet including APRS and
connected modes. It would be used with a computer so the ability to
self-display data is not very important. It might also be used as a
tracker at times with a separate gps of course. This makes the front panel
GPS input valuable as it would allow the radio to be used mobile on voice
and with a switch of frequency and the attachment of the GPS and/or
laptop/palmtop one could then beacon a position via APRS or relay a damage
assessment via packet.

A most important factor is that the system be compact with a minimum of
interconnects that can fail, get lost, or otherwise provide Mr. Murphy with
opportunities to induce baldness producing activities on the part of the
operator during a crisis.

But if the radio is not reliable and reasonably rugged it is less than
worthless. My experience with Alinco has been mostly satisfactory. With
the exception of the DJ 580 HT's I have found their products to be
functional and useful. They are also priced right. However, I want to
know if the built in TNC has the ability to output APRS style posits like
the KPC-3 can from the GPS input.
John F. Kraus
kc4zgq@hotmail.com
jkraus3@bellsouth.net
kraus_jf@ACADMN.MERCER.EDU

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] RE: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Fri, 13 Jul 2001 08:46:23 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23917-2001.07.13-11.07.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 13 Jul 2001, Mark Fellhauer wrote:

> 10 volts is pretty darn good.   Are you using Windows ME? The Rigblaster
> site points out a common malady with ME which has a tendency to leave DTR
> and or RTS high after a fresh boot. I discovered this within 10 minutes
> after "upgrading" to ME on my Gateway Laptop.

I've noticed that when I quit WinAPRS on my Dell Inspiron 8000 laptop with
MindowsME and using my new (working!) self-made serial cable (with just 3
wires connected), the radio will transmit, and then stay transmitting. The
only way to stop it, is to turn the radio off!

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] RE: More COM Port Issues

From: Chris Nelson <n7elu@teleport.com>
Date: Fri, 13 Jul 2001 09:43:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23919-2001.07.13-12.03.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> On Fri, 13 Jul 2001, Mark Fellhauer wrote:
>

>> 10 volts is pretty darn good.   Are you using Windows ME? The Rigblaster
>> site points out a common malady with ME which has a tendency to leave DTR
>> and or RTS high after a fresh boot. I discovered this within 10 minutes
>> after "upgrading" to ME on my Gateway Laptop.
>
I own a IBM A20p and have not had any of the problems posted. I have
used it with a kpc (commercially made cable) and the D7 (kenwood made
cable) and all have worked flawlessly. The computer is only a year old
so maybe IBM has remedied the problem.
I do not have a port tester so have no way of providing any actual
measurements.

Chris

>
>
>
>

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69. [htaprs] Re: Alinco DR 135P

From: "Bob Donnell" <kd7nm@pugetsound.net>
Date: Fri, 13 Jul 2001 09:48:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23920-2001.07.13-12.09.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Roy,

Only one problem with this - the packet text content is being generated by
what appears to be WinAPRS, so unless you set the radio up as a tracker,
with a different SSID, so the data doesn't get overwritten, we won't see the
data that the radio generates on its own.

> Check N5TAM on findu.com to see what the packets look like.

73, Bob

Robert Donnell, KD7NM   (425) 741-0999
14507 Madison Way   mailto:kd7nm@pugetsound.net
Lynnwood, WA 98037
       Western Washington Amateur IP Address Coordinator

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70. [htaprs] Re: Alinco DR 135P

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 13 Jul 2001 14:04:58 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-23931-2001.07.13-13.26.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 13 Jul 2001, Bathgate, Ed wrote about the Alinco....

> How does it work with an external computer and APRSDOS
> or APRSTK?

The real value of APRStk is that it can just sit there and automatically
tune the kenwood radios to Track and tune in any of the Voice and Analog
amateur satellites automatically when they come into view. You do
nothing.. THus if there is a satellite in view (about 50 times a day)
that your Kenwood is capable of receiving, you will hear it.

If you do not use a Kenwood, then you will not have any automatic contorl
of the raidio, thus you will not hear anything except whatever satellite
you manually tune the radio to. A world of difference....

There may be a way to remote control the ALINCO, but I am not aware of

it... But if you are willing to tune the radio manually, then it should
work just as well as the Kenwood.... at both 1200 and 9600 baud....

bob

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71. [htaprs] RE: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 13 Jul 2001 13:36:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-23942-2001.07.13-13.57.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:46 AM 7/13/01, Julian Frost wrote:

>I've noticed that when I quit WinAPRS on my Dell Inspiron 8000 laptop with
>MindowsME and using my new (working!) self-made serial cable (with just 3
>wires connected), the radio will transmit, and then stay transmitting. The
>only way to stop it, is to turn the radio off!

Yup, I believe the file they have posted on the West Mountain Radio web
site should take care of that issue.

http://www.westmountainradio.com/supportno.htm

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] RE: More COM Port Issues

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Fri, 13 Jul 2001 18:31:17 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Mark Fellhauer" <sparkfel@qwest.net>
Message-ID: <LYR845-24009-2001.07.13-20.51.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a CTX EzNote Laptop M303 with Win Me as the OS and have not had any
problems running the Kenwood D700 and the D7 programs. Both seem to work
just fine with my laptop and program my radios just fine.

However, this same laptop and OS is not able to run the Mic-E 107 program,
so I am not able to reprogram my Mic-E controller. If anyone has a fix for
this problem, I would appreciate the info.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>> At 07:50 PM 7/12/01, Julian Frost wrote:
>
> >Would it make sense, then, to have the D700 respond to signals in the - 3
> >to 5 V range, rather than be "limited" by the RS-232 standard, knowing
> >that many laptops have this problem (and that hams often use thier radios
> >mobile)?
>
> I think people are jumping to conclusions. Have you bothered to actually
> measure the voltage swings on the laptop? Or do we know that the D700
> can't respond to low level RS-232 signals?   What operating system are we
> talking about? From what's been said here the Kenwood program
> doesn't seem
> to work with WinME (although I have never tested that myself).

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73. [htaprs] Com port problem

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Sat, 14 Jul 2001 12:27:05 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24071-2001.07.14-05.49.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi,

sorry for being (slightly) off topic.
I have a new compaq Armada E500 notebook with Win98 SE installed.
I is not possible to use the serial com port in DOS under Win98. Not
in Dos window and not when I shut down windows and run the DOS
prompt.
The only way to make it run is reboot and hitting F8 to see the boot
menu and there choose "only command prompt".

Has anybody had this problem and solved it?

thanks for reading,

Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] Re: D700 Problems?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sat, 14 Jul 2001 09:53:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Bob Bruninga" <bruninga@usna.edu>
Message-ID: <LYR845-24111-2001.07.14-12.13.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, Bob is correct. I checked this out by sending out several ?APRS?
queries from my home station and none of them triggered my D700. I had BCON
on the D700 shut off.

So, now the question still remains, why is my D700 sending out periodic
positions with the BCON function shut off (BCON not displayed on the
screen)? My D7 does not do this.

I have watched it for days and it seems to be doing it once or twice in
about a 4 hour time period. Not a major problem, but I am curious as to why
it is doing this.

I have also noticed that the D700 is also receiving all the messages sent to
my base station KB7UVC and not just the ones sent to the D700 KB7UVC-8 and
logging them as a new message with alert for me on the radio. Is this
normal? It would seem to me that it should only respond when a message is
sent to KB7UVC-8. I am not complaining since it is sort of neat to be
informed whenever someone sends a message to any of your APRS stations while
you are mobile.

Still have lots to learn about the operations of the D700.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
> >
> On Sun, 8 Jul 2001, Herb Gerhardt, KB7UVC wrote:
>
> > For the second question, I also received several replies that

> stated that
> > both the D7 and D700 will respond to the ?APRS? command which
> is send out by
> > every user everytime they start the APRS program.
>
> APRS programs should not be doing this. APRSdos abandoned that back in
> 1995 and WinAPRS abandoned that back in 1997. THat was back when APRS was
> new and there were few users. If any program is still doing that, then
> please let us know so we can see about getting it fixed..
>
> Thanks.
> Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

75. [htaprs] NMEA Passthrough on WinAPRS?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Sat, 14 Jul 2001 10:00:49 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24113-2001.07.14-12.22.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This seems to be my week/month/year for APRS trouble!

I used to have WinAPRS setup so that when my D7 was connected to both the laptop and the GPS receiver, my position on the screen would be automatically updated by WinAPRS as NMEA data was sent out via the GPS.

I must have changed some of the settings as this no longer works -- my position is never updated.

I have tried every conceivable combination in the TNC, WinAPRS, and Serial Port settings pages to no avail!

1) I have connected the GPS directly up to the laptop and see NMEA strings being sent to the dumb terminal program at 4800 baud (the only baud rate the StreetPilot will output) so I know the GPS is sending NMEA data.

2) The D7 receives the NMEA data stream when in APRS mode (it updates my position on the D7's POSition screen).

3) When WinAPRS is running, or when I look at the D7 (in Packet mode) on a dumb terminal window, I see *no* NMEA data passing through the D7, even though the LTEXT parameter *is* updated with the latest data from the GPS.

4) Under the Serial Port page, I have tried setting the GPS port to COM 1 (same as the D7) at 4800 and on the VHF TNC setting, checked Allow GPS.

5) In the WinAPRS settings page, I checked Automatic input for both the TNC and the GPS. This produces an error saying that the TNC is already using COM1 (understandable, I guess, but I'm sure this is how it used to be set up when it worked!).

What I used to see at the bottom of the map window, was a lattitude and longitude update every few seconds. This does not happen anymore. When I check Display -> Auto Scroll Moving Maps, I get the little pop-up display, but the course, speed, altitude (etc) never change.

Could someone who has this working, please tell me the settings they used in the WinAPRS, Serial Port and TNC settings?

Thanks,

Julian

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

76. [htaprs] Re: D700 Problems?

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 14 Jul 2001 14:44:12 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-24125-2001.07.14-14.05.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sat, 14 Jul 2001, Herb Gerhardt, KB7UVC wrote:

> So, now the question still remains, why is my D700 sending out periodic
> positions with the BCON function shut off (BCON not displayed on the
> screen)? My D7 does not do this.

Is it in PACKEWT mode or APRS mode. In Packet mode, it will send a BText
at whatever rate is set in the BEACON command. The only way to check
these settings is with a laptop plugged into the serial port.
>
> I have also noticed that the D700 is also receiving all the messages sent to
> my base station KB7UVC and not just the ones sent to the D700 KB7UVC-8 and
> logging them as a new message with alert for me on the radio. Is this
> normal?

Yes, it receives and logs them, but does not ACK them. Thus you can
receive messages on yoru HT or mobile when you are not at home without
requiring everyone on the planet to keep track of whether you are in your
car, at home, or using your HT...

Bob

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77. [htaprs] Re: Com port problem

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sat, 14 Jul 2001 14:32:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24130-2001.07.14-14.54.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 05:27 AM 7/14/01, Dr. Werner Furlan wrote:

>sorry for being (slightly) off topic.
>I have a new compaq Armada E500 notebook with Win98 SE installed.
>I is not possible to use the serial com port in DOS under Win98. Not
>in Dos window and not when I shut down windows and run the DOS
>prompt.
>The only way to make it run is reboot and hitting F8 to see the boot
>menu and there choose "only command prompt".

First, this is not really off-topic here because many people run DOS APRS
under Microsoft Windows - and you have discovered a common problem.

Second, you will probably not ever find a solution to your issue. Sorry.

Several years ago most motherboard manufacturers started integrating com
ports onto the motherboard; as Plug n Play matured, they moved control of
com ports from the ISA bus to the PCI bus when in a PNP OS.   And DOS was
never designed to address the PCI bus, so therefore in many cases Com ports
are not accessible from a DOS box or when one drops to DOS. This is a
problem with many PCI devices - PCI modems and soundcards also exhibit this
behavior.

Some manufactures are able, in software, to overcome the PCI/DOS
barrier. One of the first being Ensoniq in their PCI soundcards. Some PCI
modems (and ISA WinModems) have software support for DOS boxes. To find
out check their properties in Device Manager and if they do, usually there
is a checkbox saying something like "allow support in DOS boxes."

In most cases a person who needs com port DOS support in Windows can
disable the on-board com-ports, and add a 3rd party com port card, usually
ISA, to his system. Some PCI com port cards come with a DOS driver for
Windows (but not many).   Of course, many new OEM computers come with no

ISA slots, so those people may be out of luck. This is why I alway
recommend that people who rely on computers for specialized applications
(like amateur radio operators) custom build their computers and buy a
motherboard with at least one ISA expansion slot.

As is your case, with a laptop not having any internal expansion slots, you
have no hardware-swap options. Unfortunately, unless Compaq has a DOS
driver for your com ports while in Windows (which is doubtful), there is no
possible way to access com ports from a DOS box or when you drop to DOS.

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] Comport problem with Compaq Armada Notebook solved

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Tue, 17 Jul 2001 01:43:17 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-24567-2001.07.16-19.04.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Mark,

I found out myself a way how the comport of my Compaq Armada works with DOS
programs. I had a empty autoexec.bat, so I added the mode command for the
display like
mode con cp prep=((437) c:\windows\command\ega.cpi)
mode con cp select=437
and additional initialization of the comport:
mode com1: 19200,n,8,1

then I call the Dos programs with a batch file, in the first line I always
set the "mode com1: 19200,n,8,1" command.
>From this moment the programs run like they should.

Before the mode command in autoexec.bat was inserted, I could not run the
mode command in the dos box.
Maybe this is a help for others with similar problems. I am not sure if
each command I made is really necessary, what I always need is
reinitialisation in the dos box. It does not work without the mode line in
my batch file.

73!
Werner
OE9FWV

--
PGP-Key: http://www.qsl.net/oe9fwv/furlan.asc
SMS: +436646340014@text.mobilkom.at
Powered by Pegasus Mail - free at www.pmail.com

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] AOR $75.00 TNC

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 17 Jul 2001 13:17:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@tapr.org
Message-ID: <LYR845-24738-2001.07.17-12.39.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anybody own or heard talk of an AOR made
small TNC the AR-210?

I ran across one selling on an auction,

and linked to www.radiodan.com who bought out
a Henry Radio store inventory, and is selling
these TNCs for $75.00 new.

It looks like it will work for aprs/dos and
perhaps a stand alone tracker, but may not
appear to be able to do a standalone APRS-DIGIPEAT.

I jumped and ordered one, should be in next week.
I plan on using it on my home station.

If anybody has played with one of these, and knows
of any quirks, I'd appreciate hearing from you,
otherwise, Im gonna venture into the unknown with
manual in hand!

73

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

80. [htaprs] Re: More COM Port Issues

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Thu, 19 Jul 2001 10:10:47 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25167-2001.07.19-12.32.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I posted a message about my COM port problems on the Dell Talk web site.
Dell has, by posting a possible fix (registry hack), admitted a problem
with the COM port on their Inspiron 8000 laptops. Several other people
have also posted problems with the COM port on these computers.
Apparently, Microsoft has an article that addresses some of these
problems. The article states that the BIOS on some laptops contains an
error that stops the COM ports from working properly.

I have not found the Microsoft article, nor been able to try the registry
hack at this time. However, at first look, it seems that the registry hack
disables power management. This is hardly a fix... disabling a working
feature in order to "fix" a broken feature!

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] Re: More COM Port Issues

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 19 Jul 2001 14:18:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25192-2001.07.19-14.41.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:10 PM 7/19/01, Julian Frost wrote:

>I have not found the Microsoft article, nor been able to try the registry
>hack at this time. However, at first look, it seems that the registry hack
>disables power management. This is hardly a fix... disabling a working
>feature in order to "fix" a broken feature!

OTOH, the mode command you referenced before has resolved my issue on some
desktop computers when addressing com ports in DOS boxes within
Windows.   I have found that you have to be pretty specific when noting com
port speed (i.e. 4800, 9600, etc.) and matching that up to the equipment to
which you want to communicate with (in Windows or when booting to a command
prompt). I can now successfully run Trunker and eTrunk in a DOS
box.   Interestingly after issuing the mode command in autoexec.bat I can
now REM out that line and continue accessing the port in Windows (which
wasn't working previously). The only time I have to re-add the line is if
I want to change port speed in the DOS box.   I'm assuming that this
information is somehow being retained by my motherboard (an EPOX EP-MVP-3G
in this case).

BTW, I highly recommend EPOX motherboards for anyone interested in
home-brewing their own PC. http://www.epox.com/
Abit motherboards run a close second. These days if you want two com
ports and an ISA slot or two, it's almost a given that you'll have to
specify your own motherboard, as many OEMs are shipping systems with just
one (or no) com ports and no ISA slots.

I have been a "professional" computer technician for 6-7 years now, and
still can't find very much documentation for addressing com ports in DOS
under Windows. Do you happen to have the "Q number" for that Microsoft
article? I'm assuming it's in TechNet.

73,

Mark
KC7BXS

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82. [htaprs] SSID's

From: David Scott <davidscott_345@yahoo.com>
Date: Fri, 20 Jul 2001 07:40:56 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25374-2001.07.20-10.02.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just got my TH7 and since I need think about SSID's
for a second station I was wandering is there a
preferred numbering convention. Meaning should my
home fixed station be -x and my mobile set up by -y
and maybe my i-gate -z.

David

N8XYF

_____
Do You Yahoo!?
Get personalized email addresses from Yahoo! Mail
http://personal.mail.yahoo.com/

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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83. [htaprs] Re: SSID's

From: Doug Bade <doug@clecom.com>
Date: Fri, 20 Jul 2001 10:56:17 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25379-2001.07.20-10.17.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Around here (Cleveland Oh) we use -7 for TH-D7, and -8 for TM-D700, and -9
for tnc based mobile... Not the law, but just our guidelines..

- none I use for home
-1 for work
-2, and -3 for laptop based mobile or semi-fixed (temp bases) operations ...
-4 to -6 open
-10 to -15 for digi's

Doug KB8GVQ

At 07:40 AM 7/20/01 -0700, David Scott wrote:
>I just got my TH7 and since I need think about SSID's
>for a second station I was wandering is there a
>preferred numbering convention. Meaning should my
>home fixed station be -x and my mobile set up by -y
>and maybe my i-gate -z.
>
>David
>

>N8XYF
>
>_____
>Do You Yahoo!?
>Get personalized email addresses from Yahoo! Mail
>http://personal.mail.yahoo.com/
>
>---
>You are currently subscribed to htaprs as: doug@clecom.com
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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84. [htaprs] Re: SSID's

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Fri, 20 Jul 2001 08:46:51 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-25404-2001.07.20-11.08.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 20 Jul 2001, Doug Bade wrote:

> Around here (Cleveland Oh) we use -7 for TH-D7, and -8 for TM-D700, and -9
> for tnc based mobile... Not the law, but just our guidelines..
>
> - none I use for home
> -1 for work
> -2, and -3 for laptop based mobile or semi-fixed (temp bases) operations ...
> -4 to -6 open
> -10 to -15 for digi's

Around the Pacific Northwest I think we use -7 for messaging mobiles
(like TH-D7A's or PocketAPRS-equipped/laptop-equipped mobiles), and
-10 for digi's. Many people also use -0 (-none) for home. Other
than that I don't think we have any real restrictions.

Some of the SSID's, in the absence of any other info, specify the
symbol to use. -9 is a Van, -12 is a Jeep. For people running TNC's
that can accept/transmit raw NMEA strings, the SSID is the only thing
that can be manipulated to change your symbol.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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85. [htaprs] Re: SSID's

From: "hasan schiers" <schiers@netins.net>
Date: Fri, 20 Jul 2001 11:33:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25415-2001.07.20-11.55.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In central Iowa we use (for example)

N0AN   (home station)
N0AN-7 (D700 mobile)
N0AN-8 (D7 walking about)

Digi's use -1, -2, -3, -4

73,

hasan

----- Original Message -----
From: "David Scott" <davidscott_345@yahoo.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, July 20, 2001 9:40 AM
Subject: [htaprs] SSID's

> I just got my TH7 and since I need think about SSID's
> for a second station I was wandering is there a
> preferred numbering convention. Meaning should my
> home fixed station be -x and my mobile set up by -y
> and maybe my i-gate -z.
>
> David
>
> N8XYF
>
> _____
> Do You Yahoo!?
> Get personalized email addresses from Yahoo! Mail
> http://personal.mail.yahoo.com/
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
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>

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86. [htaprs] Re: SSID's

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 20 Jul 2001 14:33:11 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-25427-2001.07.20-13.54.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 20 Jul 2001, David Scott wrote:

> I just got my TH7 and since I need think about SSID's
> for a second station I was wandering is there a
> preferred numbering convention.

Yes there is: But it is strictly voluntary...

-7 for THD-7's
-9 usually for any other mobile
-3 for any time you operate via any of the satellites and dont want the
   statistics of that path to be overwritten by any terreestrial use...

de WB4APR, Bob

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87. [htaprs] Re: SSID's

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 20 Jul 2001 14:48:18 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-25428-2001.07.20-14.10.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 20 Jul 2001, hasan schiers wrote:

> In central Iowa we use (for example)
>
> N0AN   (home station)
> N0AN-7 (D700 mobile)
> N0AN-8 (D7 walking about)

>
> Digi's use -1, -2, -3, -4

I like that. DOS users like to see fewer -10 - -15 callsigns for
digipeaters because the extra length oblieterates more of the map.
Its not worth worrying about, but it does make the calls 12% shorter
in some cases if you keep the SSID's below 10...
bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

88. [htaprs] Re: SSID's

From: <rsnyder@toontown.erial.nj.us>
Date: Fri, 20 Jul 2001 16:45:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25442-2001.07.20-16.08.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, Jul 20, 2001 at 02:48:18PM -0400, Bob Bruninga wrote:

> I like that. DOS users like to see fewer -10 - -15 callsigns for
> digipeaters because the extra length oblieterates more of the map.
> Its not worth worrying about, but it does make the calls 12% shorter
> in some cases if you keep the SSID's below 10...
> bob

So we need to eliminate 2x3 calls as well... and get people to get special
event 1x1 calls for APRS. :-)

Bob N2KGO

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] Re: Cable Extension for the D700

From: David Vrona <dave@vrona.com>
Date: Fri, 20 Jul 2001 20:28:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-25461-2001.07.20-19.51.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Julian,

This document doesn't seem to have the connectors for the D700.

Just an FYI.

Dave

At 09:32 AM 7/9/2001 -0700, Julian Frost wrote:
>On Mon, 9 Jul 2001, Petz, Michael wrote:
>
> >   Second, if I build my own cable, is there a web page for the pin
> > outs. I was considering CAT5 cable, but the CAT5 cable that I have is
> solid
> > conductor - I don't know how well that will work in a vehicle. Any
> thoughts
> > or ideas on this subject will be appreciated.
>
>Go to the Kenwood website (http://www.kenwood.net) click on Amateur, then
>Downloads at the top of the screen. Go to the Amateur section, then
>Connectors. Download the Connectors.pdf document.
>
>   ftp://216.133.235.165/Amateur/Connectors/Connectors.pdf
>
>This document describes (with pictures) all the current Kenwood
>connectors, from microphone to modular, to GPS.
>
>Julian
>
>

>---
>You are currently subscribed to htaprs as: n9qnz@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

90. [htaprs] Re: Cable Extension for the D700

From: "James Jefferson" <jjeffers@deskmedia.com>
Date: Fri, 20 Jul 2001 19:40:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-25463-2001.07.20-20.02.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just make it a straight through cable and use a CAT5 coupler and you are
set for the microphone. If you use a telephone coupler (like Radio Shack
sells) it flips the connector, so you'll need to crip one end backwards.
If you don't have a crimper or stranded CAT5 then Office Depot has a
pretty good selection of pre-made cables and connectors.

What I did was get a CAT5 jack and stick-down housing for it. There was
just enough room in the jack to wire a 12volt reed-relay onto the
+8volts and GND lines. The relay is a radio shack (~$2.00) model rated
at one amp - enough to switch my GPS on when the radio is on!

For a while, at home I had the radio downstairs and the microphone
upstairs. I just used the ethernet wiring in my house for the signals.
Appoximately 25 feet and no problem! :-)

Have fun,

-James Jefferson KB0THN

PS - in response to your original question: The manual has the pinout
for the microphone connector. Otherwise, it is the same as the Kenwood
TM-733A, G707, V7A, ect.

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91. [htaprs] Position comments

From: David Scott <davidscott_345@yahoo.com>
Date: Sun, 22 Jul 2001 09:04:27 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-25636-2001.07.22-11.25.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been reading the manual for my TH D7AG and it
says that you can have custom poistion messages. How
do input the messages?

N8XYF

=====
David Scott
davidscott_345@yahoo.com

_____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] Re: Position comments

From: Walter Dunckel <walter@radiohound.com>
Date: Sun, 22 Jul 2001 10:04:53 -0700

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-25642-2001.07.22-12.21.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well,

You can't edit them, but you can coordinate what you want the custom
messages to mean with your friends, group etc. These are just labeled
Custom 0 through Custom 6.

Walter

David Scott wrote:

> I have been reading the manual for my TH D7AG and it
> says that you can have custom poistion messages. How
> do input the messages?
>
> N8XYF
>
> =====
> David Scott
> davidscott_345@yahoo.com
>
> ____
> Do You Yahoo!?
> Make international calls for as low as $.04/minute with Yahoo! Messenger
> http://phonecard.yahoo.com/
>
> ---
> You are currently subscribed to htaprs as: walter@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] The Law of HTAPRS Land

From: Stan Horzepa <stanzepa@mail2.nai.net>
Date: Wed, 25 Jul 2001 19:44:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26235-2001.07.25-19.07.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in
discussing the new, hot technologies related to APRS (for example, the
APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards
another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects
that are only tangentially related to hot technologies related to APRS (like
³what kind of car should I buy for my new Kenwood transceiver?²) may be
considered off-topic. If you start a message with ³this is off-topic² then
you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been
optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you
are referencing. (The HTAPRS SIG software has been optioned to limit the

length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] flagstaff swap and shop digi

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Wed, 25 Jul 2001 16:51:06 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26237-2001.07.25-19.12.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

see all you guys down in flagstaff this weekend, is there a digi in the area?

73
click on this link to find me http://map.findu.com/kd8s-8

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

95. [htaprs] Cheap TNC

From: Bathgate, Ed <Ed.Bathgate@marconi.com>
Date: Thu, 26 Jul 2001 14:27:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26363-2001.07.26-13.49.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi guys

Short info here, I recieved my $75 AOR TNC AR-210.
It comes with an basic serial term program.
My computers did not want to talk to it, at first,
its supposed to come preconfiged at 1200,O,7,1,
and I could not get APRS to talk to it,nor any
of my other comm programs, even their own.
It needed the Lithium Batty disconnected, and then
rebooted "Hard reset". It worked ok then, and I
changed it to 4800,n,8,1 and its fine with APRS-DOS

It has allowed me to free my KPC-3+ to become a WIDE digi,
with higher ant & power coming sometime next month.

73

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] Re: +AFs-htaprs+AF0- Cheap TNC

From: "Bill Kearns" <billk@inland.net>
Date: Thu, 26 Jul 2001 11:33:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26365-2001.07.26-13.54.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

one question!

is this tnc tapr-2 compatible?
can you remove the chip and put a net-rom node chip in it?

bill

----- Original Message -----
From: <Bathgate>; "Ed" <Ed.Bathgate@marconi.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, July 26, 2001 11:27 AM
Subject: [htaprs] Cheap TNC

>
> Hi guys
>
> Short info here, I recieved my $75 AOR TNC AR-210.
> It comes with an basic serial term program.
> My computers did not want to talk to it, at first,
> its supposed to come preconfiged at 1200,O,7,1,
> and I could not get APRS to talk to it,nor any
> of my other comm programs, even their own.
> It needed the Lithium Batty disconnected, and then
> rebooted "Hard reset". It worked ok then, and I
> changed it to 4800,n,8,1 and its fine with APRS-DOS
>
> It has allowed me to free my KPC-3+ to become a WIDE digi,
> with higher ant & power coming sometime next month.
>
> 73
>
> Ed N3SDO
>
> Ed Bathgate   MFG Engineering Technician ASX-4000 line.
> Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA
>
>
>
> ---
> You are currently subscribed to htaprs as: BILLK@INLAND.NET
> To unsubscribe send a blank email to leave-htaprs-3705R@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] RE: [htaprs] Re: +AFs-htaprs+AF0- Cheap TNC

From: Bathgate, Ed <Ed.Bathgate@marconi.com>
Date: Thu, 26 Jul 2001 14:54:00 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26369-2001.07.26-14.15.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The documentation has credits to TAPR in it, so its
using some of their stuff.

It does have a socketed removable rom. Its a gullwing
SMT device(SOIC), appears to have 32 pins (I did not count em)
so it is updatable, and may be TNC-2 compatible.

Ed

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Bill Kearns [mailto:billk@inland.net]
Sent: Thursday, July 26, 2001 2:33 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: +AFs-htaprs+AF0- Cheap TNC

one question!

is this tnc tapr-2 compatible?
can you remove the chip and put a net-rom node chip in it?

bill

----- Original Message -----
From: <Bathgate>; "Ed" <Ed.Bathgate@marconi.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, July 26, 2001 11:27 AM
Subject: [htaprs] Cheap TNC

>
> Hi guys
>
> Short info here, I recieved my $75 AOR TNC AR-210.
> It comes with an basic serial term program.
> My computers did not want to talk to it, at first,
> its supposed to come preconfiged at 1200,O,7,1,
> and I could not get APRS to talk to it,nor any
> of my other comm programs, even their own.
> It needed the Lithium Batty disconnected, and then
> rebooted "Hard reset". It worked ok then, and I
> changed it to 4800,n,8,1 and its fine with APRS-DOS
>
> It has allowed me to free my KPC-3+ to become a WIDE digi,
> with higher ant & power coming sometime next month.
>
> 73
>
> Ed N3SDO
>
> Ed Bathgate   MFG Engineering Technician ASX-4000 line.
> Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA
>
>
>
> ---
> You are currently subscribed to htaprs as: BILLK@INLAND.NET
> To unsubscribe send a blank email to leave-htaprs-3705R@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: Ed.Bathgate@marconi.com
To unsubscribe send a blank email to leave-htaprs-18709D@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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98. [htaprs] tm-d700a questions

From: "Mcardle, Bruce G" <bruce.g.mcardle@intel.com>
Date: Thu, 26 Jul 2001 12:07:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26372-2001.07.26-14.28.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm trying to decide if I get the kenwood d700 or a cheaper radio and just
interface it to a pc to do the whole tnc/aprs/sstv.

Could anyone owning this radio answer a few questions:

1. Can it do 9600 bps packet on 70cm?

2. Can I plug a gps (Delorme Tripmate) into the radio, and have the radio
interfaced to a pc (laptop) and have the gps info be passed to the pc (don't
want to keep un/plugging cables)?

3. pg-4s pc programming kit: Is this just software or a hardware interface
too? Can it configure ALL radio features?

4. can the audio out jacks be modifed to have simultaneous in/out audio?
(internal speaker as well as external at the same time)

5. can a pc (line in/out) be used for sstv transmit/receive without buying
that kenwood sstv vc-h1

6. Has anyone interfaced a tripmate to the 2.5mm 3 pin connector?

7. the radio is a true dualband vv,uu,vu,uv, but seems like you can't store
70cm memories in bank A (and 2m in bank B). Is this correct?

8. Are there any limitations the radio has that other radios don't?

Thanks for any help.

Bruce kb1cic

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99. [htaprs] Re: flagstaff swap and shop digi

From: "Dick Stanich" <dstanic@c2i2.com>
Date: Thu, 26 Jul 2001 18:16:15
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26396-2001.07.26-18.37.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A nice digi at ELDEN, 8 miles from Tuthill. WIDE3-3 will get you statewide
coverage.

Dick, KB7ZVA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

100. [htaprs] Re: tm-d700a questions

From: ka9zvm@arrl.net
Date: Fri, 27 Jul 2001 11:23:04 +0000 (/etc/localtime)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26482-2001.07.27-10.45.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I'm trying to decide if I get the kenwood d700 or a cheaper radio and just
> interface it to a pc to do the whole tnc/aprs/sstv.
>
> Could anyone owning this radio answer a few questions:
>
> 1. Can it do 9600 bps packet on 70cm?

Yes.

> 2. Can I plug a gps (Delorme Tripmate) into the radio, and have the radio
> interfaced to a pc (laptop) and have the gps info be passed to the pc (don't
> want to keep un/plugging cables)?

Yes.

> 3. pg-4s pc programming kit: Is this just software or a hardware interface
> too? Can it configure ALL radio features?

Yes, including memory transfers.

> 4. can the audio out jacks be modifed to have simultaneous in/out audio?
> (internal speaker as well as external at the same time)

No. This has been desired by others as well (left/right separation for
bands, etc.).

> 5. can a pc (line in/out) be used for sstv transmit/receive without buying
> that kenwood sstv vc-h1

Don't know.

> 6. Has anyone interfaced a tripmate to the 2.5mm 3 pin connector?

I've seen some web sites on doing this with the D7, which uses the same
interface, so it should be possible.

> 7. the radio is a true dualband vv,uu,vu,uv, but seems like you can't store
> 70cm memories in bank A (and 2m in bank B). Is this correct?

The memory is one continuous span, but only VHF memories can be recalled
to band A. UHF & VHF can be used in band B. Bands A & B operate
independently.

> 8. Are there any limitations the radio has that other radios don't?

Recieve seems more prone to intermod than Icom or Yaesu radios I've
had. There is the Kenwood AIP to limit this, which also reduces receiver
sensitivity (I believe by narrowing bandwidth).

>
> Bruce kb1cic

If I'm mistaken on any of this, someone please jump in.

Best regards,

Ralph
KA9ZVM

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101. [htaprs] Re: tm-d700a questions

From: <rsnyder@toontown.erial.nj.us>
Date: Fri, 27 Jul 2001 12:58:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26503-2001.07.27-12.19.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, Jul 27, 2001 at 11:23:04AM +0000, ka9zvm@arrl.net wrote:
> > 3. pg-4s pc programming kit: Is this just software or a hardware interface
> > too? Can it configure ALL radio features?
>
> Yes, including memory transfers.

Don't need a kit... Just a serial cable and the software from Kenwood's
web site.
>
> > 4. can the audio out jacks be modifed to have simultaneous in/out audio?
> > (internal speaker as well as external at the same time)
>
> No. This has been desired by others as well (left/right separation for
> bands, etc.).

Yes. You can set the speakers up in different modes. It has two speaker
ports, and in at least one mode, you can have one band go to the speaker
and the other use the internal speaker.

Bob N2KGO

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] Re: tm-d700a questions

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Fri, 27 Jul 2001 11:41:27 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26518-2001.07.27-14.03.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 27 Jul 2001 ka9zvm@arrl.net wrote:

Re: D700A

> > 4. can the audio out jacks be modifed to have simultaneous in/out audio?
> > (internal speaker as well as external at the same time)
>
> No. This has been desired by others as well (left/right separation for
> bands, etc.).

Of course the D700 separates "Left VFO" and "Right VFO" into separate
speakers, but if you're on, say, the left VFO and are scrolling through
the 2m and 440 frequencies in memory, it can't output 2m frequencies on
the left speaker and and 440 frequencies on the other.

One thing I think would be REALLY useful, is to have a Menu selection that
enabled automatic speaker muting of the TNC audio. I've lost count of the
number of times I've turned down the audio of the APRS side (who wants to
listen to that racket while driving?) then wondered why I've been missing
voice calls when I go back to voice operations! Heck, the beeps come
through even when the audio is turned down, so there has to be a way to do
this!

Julian

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103. [htaprs] Re: htaprs digest: July 27, 2001

From: ka9zvm@arrl.net
Date: Sun, 29 Jul 2001 19:20:31 +0000 (/etc/localtime)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26794-2001.07.29-18.43.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for the correction below.

> Subject: Re: tm-d700a questions
> From: <rsnyder@toontown.erial.nj.us>
> Date: Fri, 27 Jul 2001 12:58:03 -0400
> X-Message-Number: 2
>
> On Fri, Jul 27, 2001 at 11:23:04AM +0000, ka9zvm@arrl.net wrote:
> > > 4. can the audio out jacks be modifed to have simultaneous in/out audio?
> > > (internal speaker as well as external at the same time)
> >
> > > No. This has been desired by others as well (left/right separation for
> > > bands, etc.).
>
> Yes. You can set the speakers up in different modes. It has two speaker
> ports, and in at least one mode, you can have one band go to the speaker
> and the other use the internal speaker.

Several people have asked me how I successfully ran a GPS through the
radio to a PC, so I thought I'd reply to the list. My specific
configuration is a Garmin GPS12XL, the D7 (D700) and a Palm Pilot.

The GPS and Palm are plugged into the radio, the radio's TNC is set to TNC
mode (not APRS) and the PalmAPRS software is told that the TNC is
dual-ported. Works great! I believe the software has to be aware the TNC
is a D7 or D700.

Regards,

Ralph
KA9ZVM

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] Re: tm-d700a questions

From: Jon Ogden <na9d@mindspring.com>
Date: Mon, 30 Jul 2001 07:20:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26876-2001.07.30-07.41.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 7/27/01 11:58 AM, rsnyder@toontown.erial.nj.us at
rsnyder@toontown.erial.nj.us wrote:

>> No. This has been desired by others as well (left/right separation for
>> bands, etc.).
>
> Yes. You can set the speakers up in different modes. It has two speaker
> ports, and in at least one mode, you can have one band go to the speaker
> and the other use the internal speaker.

The speaker set up is very confusing until you get the hang of it. It can
be set up to automatically mute one band while there is open squelch on the
other. It's pretty neat how it actually works.

But no, you can't have audio on both the internal and external speakers
unless you plan on using one external speaker and the internal speaker, but
I don't think that's what the question was about.

You can take audio out via the DIN connector on the front though.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] Re: tm-d700a questions

From: Jon Ogden <na9d@mindspring.com>
Date: Mon, 30 Jul 2001 07:27:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26877-2001.07.30-07.49.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bruce,

It's a great radio. You'll love it. My first suggestion would be to
download the manual from Kenwood's website.

See my answers below:

on 7/26/01 2:07 PM, Mcardle, Bruce G at bruce.g.mcardle@intel.com wrote:

> I'm trying to decide if I get the kenwood d700 or a cheaper radio and just
> interface it to a pc to do the whole tnc/aprs/sstv.

>
> Could anyone owning this radio answer a few questions:
>
> 1. Can it do 9600 bps packet on 70cm?

Yes. Most definitely.

>
> 2. Can I plug a gps (Delorme Tripmate) into the radio, and have the radio
> interfaced to a pc (laptop) and have the gps info be passed to the pc (don't
> want to keep un/plugging cables)?

Yes, definitely.

>
> 3. pg-4s pc programming kit: Is this just software or a hardware interface
> too? Can it configure ALL radio features?

You can download the software for free from Kenwood's site. Mainly, you
will pay for the serial cable. If you can make your own, there's no need to
purchase the kit.

>
> 4. can the audio out jacks be modifed to have simultaneous in/out audio?
> (internal speaker as well as external at the same time)

I answered this in another post, but no, you cannot. The audio can be
brought out from the DIN connector on the front of the radio, however.
Packet and SSTV interfaces use this port.

>
> 5. can a pc (line in/out) be used for sstv transmit/receive without buying
> that kenwood sstv vc-h1

Sure. The manual shows how to set it up.

>
> 6. Has anyone interfaced a tripmate to the 2.5mm 3 pin connector?

Again, it's in the manual. Just be careful to have the TXD and RXD lines
correct. Some people have gotten confused with Kenwood's terminology.

>
> 7. the radio is a true dualband vv,uu,vu,uv, but seems like you can't store
> 70cm memories in bank A (and 2m in bank B). Is this correct?

The radio does VV, UU, VU, but not UV. Don't know why. I believe that you
can store U memories in band A (if you can put U in band A, then the
memories should work). However, if you have band B on VHF, then you will
not be able to tune UHF memories or the VFO in UHF on band A. It's to me
the most annoying feature of the radio, but a lot of dual banders are this
way.

>
> 8. Are there any limitations the radio has that other radios don't?

Not from what I can tell. It's a solid, very good radio and I absolutely
love mine.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

106. [htaprs] TH-7 & GPS

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Mon, 30 Jul 2001 13:00:27 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-26918-2001.07.30-15.23.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have TH-D7 and a homebrew serial cable (which works just fine!)

I have just purchased a Rand McNally GPS. I have a few questions.

Is there an online manual for the GPS?

What is the proper connector between the two serial cables? Is it a null
modem? If so is there such a thing as a male-male null modem? All the null
modems I've seen have been male-female which would require a gender changer.

What voltage is the GPS most happy? Can I run it at 12V or do I need to
regulated it down to say 5V?

Best regards

Robert, KD6INI

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

107. [htaprs] Re: TH-7 & GPS

From: Walter Dunckel <walter@radiohound.com>
Date: Tue, 31 Jul 2001 00:48:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-27019-2001.07.31-03.06.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only info about the Rand McNally GPS that I know of is at:
http://navman.co.nz/_NAVMAN/land/gps1200.htm . This is the receiver board they
use in the Rand McNally. As you can see, it is happy at anyting between 4.5 and
16 volts. I believe you will need a null modem adapter. Perhaps, the best thing
to do is to make a new cable for the TH-D7, but this time reverse the rx and
tx, and put the oposite 9 pin plug on one end. If you are only going to use the
GPS with the TH-D7, you can cut the connector off the Rand McNally, then add
one that will plug directly into the TH-D7.

I have a little more info, although some of it doesn't really apply to your
Rand McNally receiver here: http://www.radiohound.com/randgps.htm

Walter
http://www.radiohound.com

Robert Michaud wrote:

> I have TH-D7 and a homebrew serial cable (which works just fine!)
>
> I have just purchased a Rand McNally GPS. I have a few questions.
>
> Is there an online manual for the GPS?
>
> What is the proper connector between the two serial cables? Is it a null
> modem? If so is there such a thing as a male-male null modem? All the null
> modems I've seen have been male-female which would require a gender changer.
>
> What voltage is the GPS most happy? Can I run it at 12V or do I need to
> regulated it down to say 5V?
>
> Best regards
>
> Robert, KD6INI
>
> ---
> You are currently subscribed to htaprs as: walter@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

108. [htaprs] Re: [Walter Dunckel] Re: TH-7 & GPS

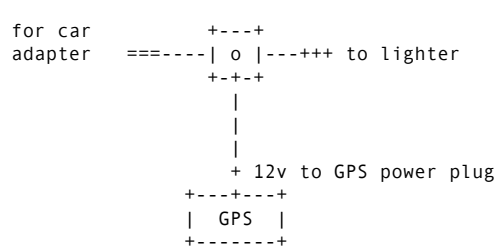
From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 31 Jul 2001 09:15:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-27049-2001.07.31-09.37.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

...

>If you are only going to use the
>GPS with the TH-D7, you can cut the connector off the Rand McNally, then add
>one that will plug directly into the TH-D7.

This is what I did. I also took a cigarette lighter extension cable, cut out
the middle wire segment, leaving about 4 inches on each connector, and than
created a T-off box from an RS project box that provided the 12 volts to the
GPS. I have a D-Cell pack that can also power the GPS for portable operations.
I repackaged the GPS into a flat box with rubber feet that will sit still on
the dash around corners.

See http://www.c2-tech.com/~gregg/w5ggw/aprs for some pictures of the GPS in
the box. The power T-off box is not shown there, but I hope you understand
the idea. I have the filtered DC adapter from kenwood and use this via a 12v
3amp
power supply in the house too.



Now the interesting thing that I have found is that if my GPS and my radio are
not powered by the same power source and thus share a common power ground,
than the radio never detects the GPS data. A quick continuity check between
the GPS port and the power ground on the side of the radio shows an open
circuit...

Thus, I have to always have enough power to run the RADIO and the GPS if I
want to use them together...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

August 2001

Original source file: htaprs.0108
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0108

1. [htaprs] Is my TH D7 deaf?

From: David Scott <davidscott_345@yahoo.com>
Date: Fri, 3 Aug 2001 05:25:45 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27637-2001.08.03-07.47.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been using my D7(A)(G) running APRS without
anything attached without any problems.

I attach to two different computers using the Kenwood
cable It can see my home station and one or two other
stations. Nothing over 7-10 miles away. Using
WinAPRS and MSDOS APRS.

I also tried it using pocketAPRS and my Palm III.
Same results. The cable for this I buillt myself, but
it seems to be working OK. I can send messages to
home station and receive the ack messages.

I am not using the supplied antenna. I am using the
Diamond that is for 2M, 440, and 1.2Ghz

Any thoughts or suggestions.

David, N8XYF

=====
David Scott
davidscott_345@yahoo.com

_____
Do You Yahoo!?
Make international calls for as low as $.04/minute with Yahoo! Messenger
http://phonecard.yahoo.com/

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Re: Is my TH D7 deaf?

From: rbost@itexas.net (Roy Bost)
Date: Fri, 3 Aug 2001 07:44:09 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27641-2001.08.03-08.08.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Had a similar problem with my D-7. Solved my problem with a cable made by
Kenwood. Seems I hadn't got the frog-hair sized wires soldered very
well....there is a strand of nylon fibers in with the frog-hair that melts
into the wire and screws up the connection.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] PacComm TNC-320 manual????

From: Jack Chomley <chomley@telelink.com.au>
Date: Sat, 04 Aug 2001 10:51:17 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27781-2001.08.03-20.07.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

Can anyone point me to a source for an "electronic" version

of the TNC-320 manual, have just got a TNC-320 and wish to set
it up with my SG-2020 ADSP HF Radio and UI-View.
Any help appreciated.

Jack Chomley
VK4JRC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: Is my TH D7 deaf?

From: Chris Nelson <n7elu@teleport.com>
Date: Fri, 03 Aug 2001 22:35:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-27847-2001.08.04-00.55.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

David

   Check the range limit setting in the D7 aprs menu. It might be called
station limit or similar, can't remember, but it limits the number of
stations appearing on aprs by distance. Works great for special events
or if you want to limit the number of stations displayed on a small
display but for general use just leave it off.

Hope this helps....
Chris N7ELU

David Scott wrote:

> I have been using my D7(A)(G) running APRS without
> anything attached without any problems.
>
> I attach to two different computers using the Kenwood
> cable It can see my home station and one or two other
> stations. Nothing over 7-10 miles away. Using
> WinAPRS and MSDOS APRS.
>
> I also tried it using pocketAPRS and my Palm III.
> Same results. The cable for this I built myself, but
> it seems to be working OK. I can send messages to
> home station and receive the ack messages.
>
> I am not using the supplied antenna. I am using the
> Diamond that is for 2M, 440, and 1.2Ghz
>
> Any thoughts or suggestions.
>
> David, N8XYF
>
>
>
>
> =====
> David Scott
> davidscott_345@yahoo.com
>
>
> ____
> Do You Yahoo!?
> Make international calls for as low as $.04/minute with Yahoo! Messenger
> http://phonecard.yahoo.com/
>
> ---
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> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: Is my TH D7 deaf?

From: Norman Huber <n9zks@earthlink.net>
Date: Sat, 04 Aug 2001 08:26:35 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-27886-2001.08.04-08.49.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Chris Nelson wrote:
>
> David
>
>   Check the range limit setting in the D7 aprs menu. It might be called
> station limit or similar, can't remember, but it limits the number of
> stations appearing on aprs by distance. Works great for special events
> or if you want to limit the number of stations displayed on a small
> display but for general use just leave it off.
>
> Hope this helps....
> Chris N7ELU

I keep the range setting active when riding around through busy APRS
areas. The screen redraws every time a posit comes in and my display was
off so much I couldn't see where I was. It didn't just redraw when the
posit would be on the displayed map but when there was any posit within
the chosen range.
--
~~~~~~
---- Norm - N9ZKS
---- Motorcyclist, Bicyclist, Ham, Scouter
---- '87 GoldWing Interstate - Lagniappe Too
---- 33,000 miles - Laissez Les Bon Temps Roulez
---- MARC, WOTI, GWRRA, ABATE, AMA, ARRL
---- http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7
---- For a picture http://www.hondagoldwings.com/Gallery19.htm

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] where are you

From: "Don Huckaby" <n6yyk@jps.net>
Date: Thu, 16 Aug 2001 15:28:53 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30381-2001.08.16-17.51.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

where did the aprs sig go ????

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] RE: where are you

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Thu, 16 Aug 2001 17:54:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30385-2001.08.16-18.17.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have been missing the discussions.

Bruce
KC5KYJ

-----Original Message-----
From: Don Huckaby [mailto:n6yyk@jps.net]
Sent: Thursday, August 16, 2001 5:29 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] where are you

where did the aprs sig go ????
~~~~~~

You are currently subscribed to htaprs as: bruce.elliott@tccd.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] RE: where are you

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Fri, 17 Aug 2001 08:41:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30497-2001.08.17-08.04.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Im Here!

I have just been enjoying the summer, and riding
my hog.

I programmed up a KPC3+ and put together some stuff
that Sid N3YBE provided, and now have set up at Sid's
place, near PA TPK Ex2, a standalone, Wide/Trace digi.
It has opened up a north/south and an east/west
path that we did not realize we were lacking.

Im waiting to hear about some of the upcoming
sats due to be launched soon.

I am also wanting to a sat ground station from home.
I ran mobile for F.D. heard the ISS, and several passes
from AO27, but did not have the punch to get in.

73
Ed
N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] RE: where are you

From: Ralph Milnes <milnes1@rcn.com>
Date: Fri, 17 Aug 2001 09:12:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30498-2001.08.17-08.35.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Maybe this is a sign that it's time to fold the HT SIG into the regular
APRS SIG.

There hasn't been much in the way of "hot" APRS technology in over a year

So -- rather than fracture APRS discussions over two SIGs -- why not fold
them together?

Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] RE: where are you

From: "Rich Carter" <rich.carter@windriver.com>
Date: Fri, 17 Aug 2001 09:50:44 -0400

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30503-2001.08.17-09.13.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This sig has generally focused on discussions specific to Kenwood data radios. The general population doesn't want to hear about this kind of stuff.

RC - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Ralph Milnes
Sent: Friday, August 17, 2001 9:13 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: where are you

Maybe this is a sign that it's time to fold the HT SIG into the regular APRS SIG.

There hasn't been much in the way of "hot" APRS technology in over a year

So -- rather than fracture APRS discussions over two SIGs -- why not fold them together?

Ralph, KC2RLM

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Florida APRS Track

From: "KC8MTV - Kevin" <kc8mtv@hotmail.com>
Date: Fri, 17 Aug 2001 10:22:10 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30515-2001.08.17-09.45.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We have just returned from a great Florida trip. Packed up the Suburban and ran APRS the entire trip. From Lancaster, Ohio down to Orlando over to Daytona Beach and then down to NASA. I have never been to NASA before, but the Military SP's were very nice when I wondered into a secure area. They kindly told me to turn right back around and leave.I had missed my turn and had ended up in the wrong place. I would think running APRS I wouldn't have gotten lost. hi hi !

I was impressed with the APRS activity in Florida and look forward to my return trip.

73's
Kevin Numbers - KC8MTV

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] RE: where are you

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 17 Aug 2001 10:43:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-30523-2001.08.17-10.06.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 17 Aug 2001, Ralph Milnes wrote:

> Maybe this is a sign that it's time to fold the HT SIG into the regular
> APRS SIG.
> There hasn't been much in the way of "hot" APRS technology in over a year

The Hot Tech is a missnomer. It really means the D7 and D700.
Those people that dont have either, probably dont want to see discussions
about them... so it doesnt hurt to have them separate...

But we do need to make sure that everyone that has a D7 or D700 is aware
of the HTsig...

bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] RE: where are you

From: Alex <kr1st@amsat.org>
Date: Fri, 17 Aug 2001 11:20:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30529-2001.08.17-10.38.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga wrote:

> But we do need to make sure that everyone that has a D7 or D700 is aware
> of the HTsig...

Why don't you start announcing that fact when you send out a Kenwood
commercial to an email list ("Oh, the answer: the Kenwood D7 with
built-in 9600 and 1200 baud modems...")? Perhaps you could add another
link to your signature file.

73,
--Alex

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] RE: where are you

From: "Scott - KD5MHM" <kd5mhm@kd5mhm.org>
Date: Fri, 17 Aug 2001 15:27:21 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30602-2001.08.17-15.50.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Alex,
I have a 'D7 that I've been very pleased with. I hope to come up with some
interesting stuff for the HT list that probably wouldn't be of too much
interest to the general APRS public. I hope that you won't think that my
enthusiasm for my Kenwood will be considered 'commercials' for the D7 and
accessories.

Although I'm in both lists, I have gotten my best 'D7-specific answers here
rather than the APRSSig list. I appreciate that I can have the more general
APRS list vs the more 'Kenwood-specific' list for my unique 'D7 issues.

I've added the VC-H1 to my 'D7 and would assume that here would be a better
list for posts than the APRS list.

Am I wrong? Should I leave my best 'D7 resource list and go hope that an
SSTV-specific list would be a better option? I appreciate your comments,
I'd like to know what you think. If needed, please don't hesitate to reply
off-list.

Best wishes,
Scott

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Sent: Friday, August 17, 2001 10:20 AM
Subject: [htaprs] RE: where are you

> Why don't you start announcing that fact when you send out a Kenwood
> commercial to an email list ("Oh, the answer: the Kenwood D7 with
> built-in 9600 and 1200 baud modems...")? Perhaps you could add another
> link to your signature file.
>
> 73,
> --Alex
>

> Bob Bruninga wrote:
>
> > But we do need to make sure that everyone that has a D7 or D700 is aware
> > of the HTsig...
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] RE: where are you

From: "hasan schiers" <schiers@netins.net>
Date: Fri, 17 Aug 2001 18:04:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30631-2001.08.17-18.28.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Alex,

I'm confused...just what point were you making? I didn't get it.

Please elaborate....tnx,

73
hasan schiers, NØAN
schiers@netins.net

----- Original Message -----
From: "Alex" <kr1st@amsat.org>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, August 17, 2001 10:20 AM
Subject: [htaprs] RE: where are you

> Bob Bruninga wrote:
>
> > But we do need to make sure that everyone that has a D7 or D700 is aware
> > of the HTsig...
>
> Why don't you start announcing that fact when you send out a Kenwood
> commercial to an email list ("Oh, the answer: the Kenwood D7 with
> built-in 9600 and 1200 baud modems...")? Perhaps you could add another
> link to your signature file.
>
> 73,
> --Alex
>
> ---
> You are currently subscribed to htaprs as: SCHIERS@NETINS.NET
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>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] TH-D7A software

From: "W1SAR" <w1sar@searcher.org>
Date: Sun, 19 Aug 2001 22:06:25 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30769-2001.08.20-00.31.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OK - so I left it until 12 hours before I need it! I've mislaid my copy of
the TH-D7A programming software from Kenwood. I cannot see it on their
download site - am I missing something? Is it available for download from
anywhere else?

Any help gratefully accepted!

Drew W1SAR

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: TH-D7A software

From: Matt Steinhoff <mls@steinhoff.net>
Date: Mon, 20 Aug 2001 09:30:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30823-2001.08.20-08.53.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I've mislaid my copy of the TH-D7A programming software
> from Kenwood.

    Can't help you there (and with just 12 hours on the
clock, this is probably too late anyway) but let me pimp
WA3HRL's Link700 software...
    http://www.wa3hrl.com/
    It will program the D7[A, E, AG] D700[A, E], G707.
Support for the TS-2000 and other Kenwood radios is on
the way.
    It is currently in beta (and free) but I've found it
to be rock solid and better than Kenwood's software. Even
when it gets out of beta and a price tag is born, I think
I'll still be recommending D700.

    Matt, k4mls

    (I'm not a d700 spokesman, I just think it is nifty.)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: TH-D7A software

From: MEWintle@aol.com
Date: Mon, 20 Aug 2001 10:44:26 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30842-2001.08.20-10.07.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/20/01 6:07:02 AM Eastern Daylight Time,
w1sar@searcher.org writes:

> OK - so I left it until 12 hours before I need it! I've mislaid my copy of
> the TH-D7A programming software from Kenwood. I cannot see it on their
> download site - am I missing something? Is it available for download from
> anywhere else?

>From the Kenwood site you choose USA Communications, then click downloads,
then software, then THD7AG. Here's the direct link to the s/w:

http://216.133.235.165/SOFTWARE/THD7AG/MD7G100.exe

Note this is for the G version only. You may have to look elsewhere if you
don't have the G enhancement. I tried using the "non-G" version on my G and
it wouldn't talk to the radio at all.

Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] RE:TH-D7A software

From: "W1SAR" <w1sar@searcher.org>
Date: Mon, 20 Aug 2001 08:38:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30872-2001.08.20-11.02.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all for the links and suggestions - by far the most popular
recommendation received was for Link700 - which is the route that I went!

Drew Witham W1SAR
Shasta County Emergency Coordinator
ARES / RACES / CDF-VIP

http://www.scares.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Cost to fix a TH-D7 knob?

From: "Mark Conner" <mconner1@home.com>
Date: Mon, 20 Aug 2001 12:34:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30890-2001.08.20-12.58.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can someone tell me how much the usual charge is to replace the encoder knob
on a TH-D7? I snapped mine off getting out of the car this weekend. Since
the up/down on the rocker switch has practically the same function I'm not
in a big hurry to fix it, but thought while it was in the shop I'd get the
firmware upgrade too.

73 de Mark N9XTN

Mark D. Conner
E-mail: n9xtn@arrl.net
Homepage: http://members.home.net/mconner1
"Arrogance and stupidity, all in the same package.....how efficient
  of you!"   - Ambassador Londo Mollari, Babylon 5

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] RE: Cost to fix a TH-D7 knob?

From: "Rich Carter" <rich.carter@windriver.com>
Date: Mon, 20 Aug 2001 13:55:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30893-2001.08.20-13.17.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine snapped off a few months ago. I sent it in for a firmware upgrade.
When I unpacked the radio, it slipped out of my hand and fell on the floor.
The shaft is very thin and fragile. Kenwood replaced the knob for free. I
don't know what they would charge for the repair, but if they are upgrading
the firmware at the same time, it should be reasonable.

Rich
KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Mark Conner
Sent: Monday, August 20, 2001 1:35 PM

To: TAPR Hot Technology APRS
Subject: [htaprs] Cost to fix a TH-D7 knob?

Can someone tell me how much the usual charge is to replace the encoder knob
on a TH-D7? I snapped mine off getting out of the car this weekend. Since
the up/down on the rocker switch has practically the same function I'm not
in a big hurry to fix it, but thought while it was in the shop I'd get the
firmware upgrade too.

73 de Mark N9XTN

Mark D. Conner
E-mail: n9xtn@arrl.net
Homepage: http://members.home.net/mconner1
"Arrogance and stupidity, all in the same package.....how efficient
  of you!"   - Ambassador Londo Mollari, Babylon 5

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] Re: Cost to fix a TH-D7 knob?

From: MEWintle@aol.com
Date: Mon, 20 Aug 2001 14:23:18 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-30898-2001.08.20-13.46.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/20/01 1:38:22 PM Eastern Daylight Time,
mconner1@home.com writes:

> Can someone tell me how much the usual charge is to replace the encoder knob
> on a TH-D7? I snapped mine off getting out of the car this weekend. Since
> the up/down on the rocker switch has practically the same function I'm not
> in a big hurry to fix it, but thought while it was in the shop I'd get the
> firmware upgrade too.

I *really* don't want to reopen this topic (which was beaten like the dead
horse that it was), but while it's there you might want to get the SMA
antenna connector replaced with a new one as a preventative step. Learning
that the duty cycle of that connector is only 500 connect/disconnects and
seeing how all the little metal flakes connect in it has made me quite
careful with mine. You might even go with what some others advised and see if
they're willing to replace it with a BNC.

Mark W1NTL

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] TH-D7A(G) and UO-22 Settings

From: "Ken Patterson" <kenp@etex.net>
Date: Mon, 20 Aug 2001 19:08:34 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-30906-2001.08.20-14.32.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all.

Due to popular demand on the AMSAT SIG, I thought I would post my TH-D7A(G)
to UO-22 digipeater settings here on the APRSHT SIG for other interested
parties to see.

I am using a laptop in terminal mode (like Procomm Plus or Hyper Terminal) &
the TNC functionality of the TNC. In other words, I am not using the APRS

TNC function. Press the D7 TNC keyboard button twice for this function.

My TNC configuration string is pretty simple.

MYCALL: N5EQT-3
HBAUD: 9600
UNPROTO: APRSAT via UOSAT5

Press the DUP key on the D7 keypad to place it in full duplex mode.

All other TNC settings are the factory defaults that the D7 powers up with.

You will need to go to (Menu) 1-4-1 & set the packet band for A:TX B:
RX, since mode JD is up on 2M & down on 70cm.

You will also need to go to (F) 8 & set the step size of each VFO to
5 Khz.

To compensate for Doppler shift, I use a beginning (AOS) downlink frequency
of 435.130, a center of pass frequency of 435.120 & I ended the pass (LOS)
with a frequency of 435.110. I tune the D7 in 5 Khz steps.

The downlink is pretty easy to find because it is constantly transmitting.
I usually hear periods (seconds) of silence, & I think it is because of
nulls in my receive antenna pattern. For those new to 9600 baud FSK, it
sounds like open squelch noise. After listening to / for the signal, you
will find that it has a certain 'quality' that distinguishes it from regular
squelch noise.

As a verification of your receive capabilities, see if you can receive the
various news & status bulletins. A sample follows below.

UOSAT5>NEWS:Use both uplinks - 145.900 and 145.975
UOSAT5>SKED:Sked 1.5 File2:75b72 Next:Wed Aug 15 12:00:00 2001
UOSAT5-12>BBSTAT:Open 12a :
UOSAT5-11>STATUS:B: 75591616

UO-22 uses 2 uplink frequencies, 145.900 or 145.975 (your choice, both
are active). Since there is approximately +/- 3 Khz of Doppler shift during
an entire pass, I have found there is no need for uplink tuning.

For my pass predictions, I use STSPLUS. I am familiar with it & it works
very well. It is a freeware / shareware program & can be found at:
http://www.dransom.com/stsplus.html

My antenna is a Cushcraft A270-6S (3 ele VHF & 3 ele UHF) antenna. A
duplexer is not required for this antenna. Pointing, via the armstrong
method, in the general direction of UO-22 works here.

My uplink packet looks like this:

EM22lu/- de N5EQT Pls QSL via kenp@etex.net

When I am successfully digipeated via UO-22, my received packet looks
something like this:

N5EQT-3>APRSAT,UOSAT5*:EM22lu/- de N5EQT Pls QSL via kenp@etex.net

That's it. The usual disclaimer of Your Mileage May Vary applies.

See you on the birds.

73,
N5EQT

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Re: Cost to fix a TH-D7 knob?

From: "edoc" <kd4e@arrl.net>
Date: Mon, 20 Aug 2001 23:04:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <kenwoodradio@yahoogroups.com>
Message-ID: <LYR845-30993-2001.08.20-22.31.19--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Tried the BNC-replacement request ... they said "no way, no room inside".

I am still hoping to rig a thin plate under the belt clip (on the carrying
case) with
a BNC connector welded to it ... with RG-274 up to the SMA connector.

This would remove all stress on the SMA, provide a stronger and more
versatile BNC connector, and provide a better ground plane for the
HT vertical.

Now if someone else has the time and talent to create something like this
for me it would be worth $20. (incl. shipping) to me!

73, Doc KD4E

> I *really* don't want to reopen this topic (which was beaten like the dead
> horse that it was), but while it's there you might want to get the SMA
> antenna connector replaced with a new one as a preventative step. Learning
> that the duty cycle of that connector is only 500 connect/disconnects and
> seeing how all the little metal flakes connect in it has made me quite
> careful with mine. You might even go with what some others advised and see
if
> they're willing to replace it with a BNC.
>
> Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: TH-D7A software

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 20 Aug 2001 21:31:04 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31000-2001.08.20-23.54.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 20 Aug 2001, Matt Steinhoff wrote:

> > I've mislaid my copy of the TH-D7A programming software
> > from Kenwood.
>
>   Can't help you there (and with just 12 hours on the
> clock, this is probably too late anyway) but let me pimp
> WA3HRL's Link700 software...
>   http://www.wa3hrl.com/
>   It will program the D7[A, E, AG] D700[A, E], G707.
> Support for the TS-2000 and other Kenwood radios is on
> the way.

Has anyone tried running this under Windows ME?

As with all the Kenwood software (for D7AG or D700), Link700 does not
appear to work under WinME.

What's the deal here? Is it a WinME bug, or a problem with the Dell
Inspiron 8000 laptops that prevents me from using any radio programming
software (when all other serial application work -- eg modems, external
TNCs, my PTC-II etc)?

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: TH-D7A software

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Mon, 20 Aug 2001 21:43:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31020-2001.08.21-00.04.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I run Windows Me on my CTX laptop and have no problem running the Kenwood
D7A, D700 and the original Link 7 program.

I would look at your laptop for some sort of configuration problem.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
> >   It will program the D7[A, E, AG] D700[A, E], G707.
> > Support for the TS-2000 and other Kenwood radios is on
> > the way.
>
> Has anyone tried running this under Windows ME?
>
> As with all the Kenwood software (for D7AG or D700), Link700 does not
> appear to work under WinME.
>
> What's the deal here? Is it a WinME bug, or a problem with the Dell
> Inspiron 8000 laptops that prevents me from using any radio programming
> software (when all other serial application work -- eg modems, external
> TNCs, my PTC-II etc)?
>
> Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: TH-D7A software

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 20 Aug 2001 22:02:25 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31028-2001.08.21-00.25.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 20 Aug 2001, Herb Gerhardt, KB7UVC wrote:

> I run Windows Me on my CTX laptop and have no problem running the Kenwood
> D7A, D700 and the original Link 7 program.
>
> I would look at your laptop for some sort of configuration problem.

I am at the point of agreeing with you... except that I've been told by
representatives at Kenwood that their software does not work under WinME
(you're the first person I've heard state otherwise!). Then there's the
issue that the laptop works fine with other Windows and DOS based
communications programs. It's *just* the Kenwood radios that don't work
reliably. That is what I don't understand

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Software/computer problems ?

From: kb6cus@gw.w6trw.ampr.org
Date: Mon, 20 Aug 2001 22:00:10 PDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31030-2001.08.21-00.37.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all ! This my first posting on the list. been a ham radio
operater for 14 or so years. My name is Ted. I live in the
Los Angeles area. Now that that is told...I have just recently
purchased the Kenwood D7A Part # PG-4W to use with the D7A
(G-MODEL SPECIFICALLY). I have a Kenwood TH-D7A-G. I also have
a Hewlett Packard 733Mhz (XE744) that I had planned on using
to prgram the cotton-picking thing. The PG-4W work fine with
"Hyperterminal" on regular Packet + listening to APRS, BUT...
I   c a n n o t   use the software that came with the PG-4W.
It will load on the computer, but I tells me it either has....

"timed out"....or something else which I cannot remember at this
moment. Has anyone else used the KENWOOD SOFTWARE & CABLE on
a Windows ME computer and got it to work ?? If I can get "HYPER-
TERMINAL" to work....why not the Kenwood software on the same
computer....same cable ?????
Thank you for your time.

20-Aug-01 22:10:15
MONDAY NIGHT PST

73'From: Ted Moody
Amateur Radio Operator Callsign = KB6CUS
==
             MY PACKET + E-MAIL STATION INFORMATION
==
FREQUENCIES: 145.050 @ 1200 Baud   (Use LKD1 or LGB05)
             439.025 @ 9600 Baud   (Use Port 5 on LA)
TNC: Kantronics "DUAL-PORT" KPC-9612
PROGRAM: YAPP (Yet Another Packet Program)
RADIOS: Kenwood TM-251 for 145.050 Port
             Kenwood TM-451 for 439.025 Port
ANTENNAS: 145.050 =3 Element Beam   @ 20ft > LGB05 + LKD1
             439.025 =Diamond Vertical @ 25ft > C0LEGE + LA
LAT.+ LONG.: N33 deg 52.070', W118 deg 07.215'
CITY, STATE: Lakewood, California, USA (Los Angeles area)
ADDRESSES: Packet= KB6CUS@KD6KHJ.#LACCA.#SCA.CA.USA.NOAM
             E-mail= kb6cus@w6trw.sp.trw.com
             E-Mail= kb6cus@juno.com

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: Software/computer problems ?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 20 Aug 2001 22:48:23 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31035-2001.08.21-01.11.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You are experiencing the exact same problems I am.... communications port
timeout errors that completely stop you from using the software.

I think there is a problem with Windows ME and the COMP ports that become
serious on certain laptop computers. Mine's a Dell Inspiron 8000. I've
contacted Dell several times on their DellTalk forums without any repsonse
from Dell. I'll be calling Dell technical support tomorrow in the hope
that they might be able to shed some light on this issue.

Julian

On Mon, 20 Aug 2001 kb6cus@gw.w6trw.ampr.org wrote:

> Hello all ! This my first posting on the list. been a ham radio
> operater for 14 or so years. My name is Ted. I live in the
> Los Angeles area. Now that that is told...I have just recently
> purchased the Kenwood D7A Part # PG-4W to use with the D7A
> (G-MODEL SPECIFICALLY). I have a Kenwood TH-D7A-G. I also have
> a Hewlett Packard 733Mhz (XE744) that I had planned on using
> to prgram the cotton-picking thing. The PG-4W work fine with
> "Hyperterminal" on regular Packet + listening to APRS, BUT...
> I   c a n n o t   use the software that came with the PG-4W.
> It will load on the computer, but I tells me it either has....
> "timed out"....or something else which I cannot remember at this
> moment. Has anyone else used the KENWOOD SOFTWARE & CABLE on
> a Windows ME computer and got it to work ?? If I can get "HYPER-
> TERMINAL" to work....why not the Kenwood software on the same
> computer....same cable ?????
> Thank you for your time.
>
> 20-Aug-01 22:10:15
> MONDAY NIGHT PST

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: TH-D7A software

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 20 Aug 2001 22:53:25 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31036-2001.08.21-01.16.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

BTW, I just installed the Kenwood D700 software on a new ham's Toshiba Satellite laptop that's running Windows ME. Just like my situation, WinAPRS works fine; HyperTerminal works fine; the Kenwood software cannot communicate with the D700.

Julian

On Mon, 20 Aug 2001, Julian Frost wrote:

> On Mon, 20 Aug 2001, Herb Gerhardt, KB7UVC wrote:
>
> > I run Windows Me on my CTX laptop and have no problem running the Kenwood
> > D7A, D700 and the original Link 7 program.
> >
> > I would look at your laptop for some sort of configuration problem.
>
> I am at the point of agreeing with you... except that I've been told by
> representatives at Kenwood that their software does not work under WinME
> (you're the first person I've heard state otherwise!). Then there's the
> issue that the laptop works fine with other Windows and DOS based
> communications programs. It's *just* the Kenwood radios that don't work
> reliably. That is what I don't understand

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: D-7G altitude reporting

From: Nmhotair@aol.com
Date: Tue, 21 Aug 2001 06:32:46 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31048-2001.08.21-05.55.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Any ideas on how to disable the altitude transmit function on the D-7G?

32. [htaprs] Windows ME and Kenwood radios

From: aparise@fast.net
Date: Tue, 21 Aug 2001 08:48:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31094-2001.08.21-08.10.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

There are a few things I have learned though experimentation with Windows ME and Kenwood radios:

First of all there is a really bad bug in the TH-D7A. I don't know if it exists in the AG, as I have not gotten mine converted yet. Somewhere along the line, someone at Kenwood decided to implement Xon/Xoff protcol, but got only halfway there. If you connect up a terminal program to the TH-D7A, and type a CTRL S, the TH-D7 will then stop transmitting data, as it should for this protocol. Th problem is, it will not then recognize the Xon character, CTRL Q, an it will stay mute forever, or until the radio is re-booted.

Here is the kicker. In Windows ME, there is an equally stupid bug. Upon opening a serial port, it seems to send out a CTRL S, regardless of the flow control mode it is set for. This would normally get ignored, since a device with hardware flow control would ignore it, and a device with working Xon/Xoff protocol would get a an Xon as the first thing AFTER opening the port.

I have a laptop that runs ME (an HP) and it does not run any programming software through the serial port, when using the TH-D7A. You can, however, type commands by opening the port, then cycling the radio off and on again. That clears the Xoff.

The surprising thing is, that I can run programming software on this
computer, if I use a USB to serial adapter. They are notorious for
incompatability, but in this instance, it works better than the serial
ports.

I have an older Compaq laptop running Win 95. This one works fine.

Of course, this doesn't explain away problems with the TM-D700.
Since the problems seem to be mostly with laptops, running
Windows ME and 2000, I am investigating the power conservation
features of these computers/operating systems.

CUL,
Tony Parise
WA3HRL
aparise@wa3hrl.com
wa3hrl@arrl.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: TH-D7A software

From: "Mark Endicott" <endicott@nashville.com>
Date: Tue, 21 Aug 2001 07:56:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31096-2001.08.21-08.20.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I found that when using ME if any other application uses a port, even though
not running, ME will not assign the same port to another application. In my
case my Palm program was assigned the same port as the KW software. All I
had to do to make it work was disable the port on the offending application
and re-boot. I fixed it by installing 2000 Pro, and have had no more
problems.

Mark
Nashville

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Re: D-7G altitude reporting

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 21 Aug 2001 09:53:07 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-31105-2001.08.21-09.16.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 21 Aug 2001 Nmhotair@aol.com wrote:

> Any ideas on how to disable the altitude transmit function on the D-7G?

OOPS, lost your original, and I just posted the best response we could
come up with on the APRSSIG. If you didnt get that one, let me know..

Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] DCC Papers Due

From: John Ackermann N8UR <jra@febo.com>
Date: Tue, 21 Aug 2001 11:46:13 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31153-2001.08.21-11.09.24--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Although the deadline for submitting papers to the ARRL/TAPR Digital
Communications Conference was officially August 6, we've arranged an
extension to allow more folks to get their papers in.

So, papers for the DCC Proceedings may be submitted to Maty Weinberg
(maty@arrl.org) at ARRL by close of business on Friday, August 24. There's
still room in the book and a wee bit of time available to make additions,
so please document your experiments, discoveries, proposals, and projects
related to digital communications and make them a part of the DCC -- just
do it quickly!

73,
John

John Ackermann   N8UR   jra@febo.com   http://www.febo.com
President, TAPR   n8ur@tapr.org   http://www.tapr.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Fw: BNC for D7

From: "edoc" <kd4e@arrl.net>
Date: Tue, 21 Aug 2001 12:58:27 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <wcf-ts@yahoogroups.com>
Message-ID: <LYR845-31184-2001.08.21-12.25.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Steve is a good guy and I like his product and I acquired two of his
adapters.

The design with the rubber covering is a good one as it provides more
support
around the pitifully weak SMA connector ... but ... not adequate for heavy
use
with larger HT antennas like the Watson W889 nor for frequent changes of
external cables to HT antennas and back -- the tiny internal pin *will* fail
(mine
did and the HT had to go to Kenwood to have it extracted).

It is time for a better alternative for active D7 users such as the RG-274
to
backplate/BNC assembly I mentioned.

Anyone out there up to the task?

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~
> > Steven Gulyas back in Joizy makes an SMA-to-BNC adapter that he sells
> > for about $13. I am happy with it on my D7 and another HT. It is not
> > only more rugged and convenient, it allows antenna connector
> > standardization among same-band radios.His email is gulyas@netzero.net
> > <mailto:gulyas@netzero.net> .
> > 73, Keith, KG6CGT

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Sending email via TH-D7AG...

From: "Rick Bolen \(Hotmail\)" <rickbol@hotmail.com>
Date: Wed, 22 Aug 2001 08:35:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31392-2001.08.22-07.59.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello! I'm new to the group, and I expect this has already been answered
before, but I don't know where to access NG archives and my searches for
specific instructions on the web has been futile (although I finally found
~~~~~~

some instructions - but they didn't work for me).

I want to send brief internet email via D7AG/APRS/I-GATE. However, I don't
know:

1) the compositional syntax details
2) I think there must be restrictions on acceptable destination domains (or
is it that the username portion of the email address must be a valid
callsign?).

Can anyone set me straight?

Thanks for any help,

Rick Bolen
KG4OFO
Charlotte, NC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: Sending email via TH-D7AG...

From: Pedro Pérez <eb4dka@teleline.es>
Date: Wed, 22 Aug 2001 14:54:09 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31396-2001.08.22-08.17.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only thing you have to do is write in the TO field the world EMAIL (not
a callsign), and in the message body you have to put the address you want to
send the mail and the short text (with a space between the email address and
the message).
example:
TO:EMAIL
eb4dka@amsat.org this is a test

73s de Pedro, EB4DKA

----- Original Message -----
From: "Rick Bolen (Hotmail)" <rickbol@hotmail.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, August 22, 2001 2:35 PM
Subject: [htaprs] Sending email via TH-D7AG...

> Hello! I'm new to the group, and I expect this has already been answered
> before, but I don't know where to access NG archives and my searches for
> specific instructions on the web has been futile (although I finally found
> some instructions - but they didn't work for me).
>
> I want to send brief internet email via D7AG/APRS/I-GATE. However, I don't
> know:
>
> 1) the compositional syntax details
> 2) I think there must be restrictions on acceptable destination domains
(or
> is it that the username portion of the email address must be a valid
> callsign?).
>
> Can anyone set me straight?
>
> Thanks for any help,
>
> Rick Bolen
> KG4OFO
> Charlotte, NC
>
> ---
> You are currently subscribed to htaprs as: eb4dka@teleline.es
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: TH-D7A software

From: "A Witham" <awitham@searcher.org>
Date: Wed, 22 Aug 2001 07:00:34 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31406-2001.08.22-09.38.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Upon the advice of numerous list members, I downloaded the Link 700 by
WA3HRL - then I spend two days firefighting - so I missed the part of the
thread about ME compatability. However, at the firehouse I found that I had
no problem talking to my D7AG. I was able to upload from the radio to the
laptop (an AST Model P running ME), make changes - but when I download back
to the radio I don't see any of the UHF frequencies.   What have I missed?

Drew Witham W1SAR
Shasta County Emergency Coordinator
ARES / RACES / CDF-VIP

http://www.scares.org

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of Mark Endicott
> Sent: Tuesday, August 21, 2001 5:57 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: TH-D7A software
>
>
> I found that when using ME if any other application uses a port,
> even though
> not running, ME will not assign the same port to another
> application. In my
> case my Palm program was assigned the same port as the KW software. All I
> had to do to make it work was disable the port on the offending
> application
> and re-boot. I fixed it by installing 2000 Pro, and have had no more
> problems.
>
> Mark
> Nashville
>
>
>
> ---
> You are currently subscribed to htaprs as: w1sar@searcher.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re:software/computer problem

From: GeorgegeeG@aol.com
Date: Wed, 22 Aug 2001 10:40:07 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-31418-2001.08.22-10.03.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 8/22/2001 12:46:06 AM Eastern Daylight Time,
htaprs@lists.tapr.org writes:

I dont' know if they've changed since I bought mine, but the software that
came with the PG-4W was specifically for the D7A - you have to download the
software for the D7A-G from the Kenwood site, you can also use Link7 from
another site, the advantage there is that it includes a simple terminal
program for packet, hope this helps

73's de George WB2GTC

> I have a Kenwood TH-D7A-G. I also have
> a Hewlett Packard 733Mhz (XE744) that I had planned on using
> to prgram the cotton-picking thing. The PG-4W work fine with

> "Hyperterminal" on regular Packet + listening to APRS, BUT...
> I c a n n o t use the software that came with the PG-4W.
>

41. [htaprs] Re: Sending email via TH-D7AG...

From: "Ken Patterson" <kenp@etex.net>
Date: Wed, 22 Aug 2001 17:58:37 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "Rick Bolen (Hotmail)" <rickbol@hotmail.com>
Message-ID: <LYR845-31473-2001.08.22-13.22.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello Rick.

Welcome to the HTAPRS SIG! The name here is Ken.

I recommend searching the APRS SIG first, since it has the largest number
of postings.

To search the APRS SIG for an answer to your question, go to this URL:

http://www.tapr.org/cgi-bin/wilma/aprssig

To search the HTAPRS SIG for an answer to your question, go to this URL:

http://www.tapr.org/cgi-bin/wilma/htaprs

Put your search topic in the What would you like to search for? blank

Any internet user may search the archives via the above URLs.

I use them quite often. They are a very valuable resource.

The default response is 50 max files returned. You may change this to
1000 by scrolling down the above page to 'Max Files Returned' &
selecting 1000 in the pulldown.

I hope this helps you in your quest for knowledge.

Let me know if I can be of further assistance.

de Ken, N5EQT
EM22
Texas

----- Original Message -----
From: Rick Bolen (Hotmail) <rickbol@hotmail.com>
To: TAPR Hot Technology APRS <htaprs>
Sent: Wednesday, August 22, 2001 13:35
Subject: [htaprs] Sending email via TH-D7AG...

> Hello! I'm new to the group, and I expect this has already been answered
> before, but I don't know where to access NG archives and my searches for
> specific instructions on the web has been futile (although I finally found
> some instructions - but they didn't work for me).
>
> I want to send brief internet email via D7AG/APRS/I-GATE. However, I don't
> know:
>
> 1) the compositional syntax details
> 2) I think there must be restrictions on acceptable destination domains
(or
> is it that the username portion of the email address must be a valid
> callsign?).
>
> Can anyone set me straight?
>
> Thanks for any help,
>
> Rick Bolen
> KG4OFO
> Charlotte, NC
>
> ---
> You are currently subscribed to htaprs as: kenp@etex.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] D700 and the use of GATE

From: Alex <kr1st@amsat.org>
Date: Wed, 29 Aug 2001 09:00:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33041-2001.08.29-08.18.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

Is there any particular reason why some D700 owners use GATE in their
path?

I see packets like:

xxxxxx-14>APK101,RELAY,WIDE,WIDE,GATE: and
xxxxx-14>APK101,RELAY,WIDE,WIDE5-5,GATE:

I thought that GATE was used for gating from HF to VHF. Since the D700
are VHF and UHF rigs it seems useless to me. Perhaps I am missing
something here?

Thanks and 73,
--Alex

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: D700 and the use of GATE

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 29 Aug 2001 12:20:45 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-33088-2001.08.29-11.44.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 29 Aug 2001, Alex wrote:

> Is there any reason why some D700 owners use GATE in their path?
>
> xxxxxx-14>APK101,RELAY,WIDE,WIDE,GATE: and
> xxxxx-14>APK101,RELAY,WIDE,WIDE5-5,GATE:
>
> I thought that GATE was used for gating from HF to VHF?

This is someone trying to totally JAM the HF network.

Especially in the latter case where the packet could generate over 84
copies and MOST of them will be gated to HF. Each such packet
could generate over 4 minutes of solid dupes on HF!

Crazy in the extreme....

RULE #1. WIth Internet gateways never more than a few hops away, these
days, there is no reason for VHF-to-HF gaiting period; unless you are of
National importance such as Bush or Elvis. READ HF.TXT in the
original APRSdos docs.

de WB4APR, Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: D700 and the use of GATE

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Thu, 30 Aug 2001 13:25:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33306-2001.08.30-14.56.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bob Bruninga <bruninga@usna.edu> wrote:

On Wed, 29 Aug 2001, Alex wrote:

> Is there any reason why some D700 owners use GATE in their path?
>
> xxxxxx-14>APK101,RELAY,WIDE,WIDE,GATE: and
> xxxxx-14>APK101,RELAY,WIDE,WIDE5-5,GATE:
>
> I thought that GATE was used for gating from HF to VHF?

Bob replied,

>This is someone trying to totally JAM the HF network.
>
>Especially in the latter case where the packet could generate over 84
>copies and MOST of them will be gated to HF. Each such packet
>could generate over 4 minutes of solid dupes on HF!
>
>Crazy in the extreme....

I gotta agree 100% on the assessment. But fortunately there are some factors that will mitigate the damage to a very large extent:

1) TNC firmware limitations, for those GATE stations that are relying on the TNC's gating logic;

2) The setting of the UIGATE parameter that the gate owner put in.

Factor 1: I can speak only for my experience with a KAM which thankfully (in this case) is rather dumb in it's abilities. It will only gate a packet whose next unused path field is GATE. It never gates a packet like this to HF (but it would digipeat it on VHF if UIFLOOD is enabled):

xxxxx-14>APK101,RELAY,WIDE,WIDE5-1,GATE:

In other words, the packet has to get to the gate on exactly the number of programmed VHF hops. In effect, very little ends up being gated except for a lucky few packets. The notable exception is the local guy who sends via a short path like WIDE,GATE, because the GATE can probably hear the WIDE.

Software-run gating logic is a totally different ball of wax though. Software has the ability to examine the entire path to look for a "GATE" field, irrespective of how deep it lies in the unused fields, and it might respond to a GATE field wherever it is. That depends on the logic built in by the SW designer.

Factor 2: FCC rules seem to state that the frequency privileges of the originator determine which bands his packets can be gated to. Note that comparisons to cross-band voice repeaters are irrelevant because a voice repeater and an automatic data forwarding station are governed by different rules. I would never have known about this were it not for a cautionary note in the Kantronics manual. It states that either the gate operator must be present as a control operator, or he must verify the privileges of all VHF>HFusers. That pretty much rules out open access, unattended operations in my book. At least I personally felt it wasn't worth risking my license for. Many other gate operators might feel the same. To disable the VHF>HF direction you set "UIGATE ON/OFF".

The net result is that in several months of gate operation, I did see some packets that originated on VHF but they were the minority. Which is good because 10.151 LSB is loaded at 25% or greater much of the time (BTW, the vast majority of what my TNC decoded were fixed station beacons and digipeated copies thereof. Due to the dearth of what I considered to be "real traffic" I lost interest and shut off my gate.)

>RULE #1. WIth Internet gateways never more than a few hops away, these
>days, there is no reason for VHF-to-HF gaiting period; unless you are of
>National importance such as Bush or Elvis.

LOL! Yeah, that says it well. As far as I can tell the real mission of the HF gate network is to serve the mobile user who gets out of range of the VHF network. There certainly can be a legitimate need for a VHF station to be able to hold a QSO with an HF mobile, but IMHO it will work out much better

to have a human sitting at an HF base station doing a direct HF<>HF QSO.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

September 2001

Original source file: htaprs.0109
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0109

1. [htaprs] Jornada 420 to D700

From: "Peter Black (ZR5DWC)" <zr5dwc@iafrica.com>
Date: Sat, 01 Sep 2001 12:32:53 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33666-2001.09.01-05.54.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi there,

Has any one had any luck with using WinCE APRS on the D700 mobile rig. I can get it to work on the D7 HT no prob but when I plug the travel cable into the com port on the D700 I get nothing.

At first I thought the pinouts on the travel cable where the wrong way round so I built an adaptor to put all the pins in reveres order. Some how I don't think this was the solution as I still can not get it too work. What I do think it needs is a Null-Modem cable.

Does any one have the pin outs for a 9pin null modem cable?

Or does any one have any hindsight that I am barking up the wrong tree and it is some thing to do with the way I have set the com port up on the WinCE unit.

Any info would be grate.

Many thanks

Peter Black
ZR5DWC
CELL: 083 7884388
[Attachment: winmail.dat; application/ms-tnef; 1,788 bytes]

2. [htaprs] RE: Jornada 420 to D700

From: "Peter Black (ZR5DWC)" <zr5dwc@iafrica.com>
Date: Sat, 01 Sep 2001 18:27:17 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33701-2001.09.01-11.48.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi to those who have replied to my email so promptly.

I seem to have found the info I required. Many thanks to those that did supply the info to me.

All the best

73
Peter ZR5DWC

-----Original Message-----
From: James Jefferson [mailto:jjeffers@deskmedia.com]
Sent: 01 September 2001 17:55
To: Peter Black (ZR5DWC)
Subject: Re: [htaprs] Jornada 420 to D700

I don't know if you are barking up the wrong tree. Take a look at the PocketAPRS web page (www.pocketaprs.com) and check out their wiring diagrams.

A normal null modem adapter, without the flow control lines, DB9 to DB9, is:

2 to 3
3 to 2
5 to 5

Good luck,

-James Jefferson KB0THN

> This is a multi-part message in MIME format.

>
>
> Hi there,
>
> Has any one had any luck with using WinCE APRS on the D700 mobile rig.
I can
> get it to work on the D7 HT no prob but when I plug the travel cable
into
> the com port on the D700 I get nothing.
>
> At first I thought the pinouts on the travel cable where the wrong way
round
> so I built an adaptor to put all the pins in reveres order. Some how I
don't
> think this was the solution as I still can not get it too work. What I
do
> think it needs is a Null-Modem cable.
>
> Does any one have the pin outs for a 9pin null modem cable?
>
> Or does any one have any hindsight that I am barking up the wrong tree
and
> it is some thing to do with the way I have set the com port up on the
WinCE
> unit.
>
> Any info would be grate.
>
> Many thanks
>
> Peter Black
> ZR5DWC
> CELL: 083 7884388
>
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Mic Pinout

From: "Don Huckaby" <n6yyk@jps.net>
Date: Sat, 1 Sep 2001 11:21:35 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-33717-2001.09.01-13.44.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Could anyone tell me, or lead me to the mic pinout of the Radio Shack
HTX-252 Mobile Transceiver.
Thanks Don N6YYK

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4. [htaprs] Setting DTMF Detect & Open Squelch on D7?

From: "edoc" <kd4e@arrl.net>
Date: Tue, 4 Sep 2001 11:13:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: <kenwoodradio@yahoogroups.com>,
"TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34139-2001.09.04-10.36.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have tried to extract this information from the D7 manual and
several supplements to no avail ...

Can someone instruct me as to how I might program the D7(g)
to detect a specific DTMF (tone pad) tone sequence and to open
squelch in response, please?

Time is limited so I'd rather appear dense and learn from others
than to waste it! :-)

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: Setting DTMF Detect & Open Squelch on D7?

From: "Ronald E.Collins Jr." <kg4icg@arrl.net>
Date: Tue, 4 Sep 2001 18:26:25
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34207-2001.09.04-18.50.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

If i'm reading your message right, you want the th-d7a(g) to respond to
a page tone alert and the th-d7a(g) doesn't have this feature. Some radios
do , but Kenwood didn't seem to put it in this paticular model.

        Ron KG4ICG

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: Software/computer problems ?

From: "Ronald E.Collins Jr." <kg4icg@arrl.net>
Date: Tue, 4 Sep 2001 18:34:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34208-2001.09.04-18.58.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Go to Kenwood's website and download the th-d7a(g) program. The program
that came with the cable is just for the th-d7a.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] recommended terminal software...

From: "Rick Bolen \(Hotmail\)" <rickbol@hotmail.com>
Date: Wed, 5 Sep 2001 08:16:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34269-2001.09.05-07.40.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Being new to amateur radio and even newer to packet, anyone have
recommendations of terminal software to use with D7AG as a packet radio?

I'm currently "monitoring" with Hyperterminal (dohhhh!). Was hoping to check
out options with more thought given to the interface needs of packet radio
users.

Thanks,

Rick Bolen
KG4OFO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: recommended terminal software...

From: "Scott - KD5MHM" <kd5mhm@kd5mhm.org>
Date: Wed, 5 Sep 2001 08:12:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34278-2001.09.05-08.37.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Rick Bolen (Hotmail)" <rickbol@hotmail.com>
~~~~~~

> Being new to amateur radio and even newer to packet, anyone have
> recommendations of terminal software to use with D7AG as a packet radio?
>
> I'm currently "monitoring" with Hyperterminal (dohhhh!). Was hoping to
check
> out options with more thought given to the interface needs of packet radio
> users.

Rick,
I have great luck with a DOS program, Paket 6.2 and for Windows I've had
wonderful results with Picture Packet:
>From their Help/About:
PicturePacket/Lite, Version 1.43.171
PicturePacket, PicturePacket/Plus and PicturePacket/Lite are Copyright ©
1997-1999 by SRHuntting, Inc.
To contact the author, Stan Huntting, KW7KW, email:
picturepacket@huntting.com

My D7 also works well with DOSAprs, WinAPRS and SAPlus for Street Atlas
Plus.

Despite all the 'complaints' about the internal Tasco TNC, I've just had to
experiment and learn a little to get going. I've even gotten the VC-H1 SSTV
unit and it works great too. I transmitted pictures from the D7 to my
laptop using Windows sound card SSTV software. I prefer my own camera input
though...

Hope that helps.
Scott

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] RE: recommended terminal software...

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Wed, 5 Sep 2001 19:10:00 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34405-2001.09.05-21.31.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use WinPack Version 6.51 and love it. It is a windows based packet
program. What you see is what you get! You do not have to remember all
those things you have to recall from DOS programs.

You can download it for free from: http://www.peaksys.co.uk/

Enjoy,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
> From: bounce-htaprs-9461@lists.tapr.org
> [mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Rick Bolen
>
> Subject: [htaprs] recommended terminal software...
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] RE: recommended terminal software...

From: "Darryl Smith" <Darryl@radio-active.net.au>
Date: Thu, 6 Sep 2001 19:55:12 +1000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34445-2001.09.06-05.20.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use a programs called REFLECTIONS from WRQ I believe... I used it to
decode the protocol for the D7... Forceing Kenwood to actually release a

lot of the protocol...

It is cool because it has a scripting language built in... And a
powerful one at that...

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] RE: recommended terminal software...

From: John Sullivan <jbs@quickturn.com>
Date: Thu, 06 Sep 2001 12:31:42 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34530-2001.09.06-14.55.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The only problem with Reflection is that, at least in this area, it's
more expensive than a new D7.

I haven't used any of the recent versions, but the application was
originally developed as a terminal emulator for the HP mainframe
market.

John WD6BTP

> From: "Darryl Smith" <Darryl@radio-active.net.au>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Subject: [htaprs] RE: recommended terminal software...
> Date: Thu, 6 Sep 2001 19:55:12 +1000
>
> I use a programs called REFLECTIONS from WRQ I believe... I used it to
> decode the protocol for the D7... Forceing Kenwood to actually release a
> lot of the protocol...
>
> It is cool because it has a scripting language built in... And a
> powerful one at that...
>
> Darryl
>
> ---------
> Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
> Mobile Number 0412 929 634 [+61 4 12 929 634 International]
> Darryl@radio-active.net.au | www.radio-active.net.au for domain names

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12. [htaprs] DCC: Last chance for registration discount, and updated program info

From: John Ackermann   N8UR <jra@febo.com>
Date: Fri, 07 Sep 2001 12:50:15 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34725-2001.09.07-12.15.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The early registration discount for both the hotel room rate, and the
registration fee, expires on September 10, so you only have a couple more
days to get your reservations and registration made at the lowest price.
Registrations at the normal price will be available and at the door (of
course, hotel rooms will be subject to availability).

The DCC begins on Friday, September 20 and runs through Sunday, September
22. Full details are available at
http://www.tapr.org/tapr/html/Fdccconf.html.

A couple of updates on the program:

1. We're very happy that Anthony R. Curtis, Ph.D, K3RXK, will be our
speaker at the DCC banquet. Tony's presentation will be titled "40 Years
of Amateur Radio In Space: Where We've Been, Where We Are, and Where We're
Going."

2. We've confirmed that the Packet Radio Users Group (PRUG) of Tokyo,
Japan will be sponsoring a reception and talking about their latest
activities Friday evening. PRUG is really on the cutting edge of digital
radio, and their presentations are always fascinating.

3. We are also fortunate to have three great activities that focus on the
hardware and soldering-iron side of amateur radio:

        * On Saturday, Jay Craswell, W0VNE, will do an introductory program on
using
        CirCAD, a powerful schematic drawing/PCB layout program that's available
(in a
        slightly limited form) for ham use at no cost.

        * Also on Saturday, Ten-Tec's Gary Barbour, AC4DL, will be talking about
Software
        Defined Radio development at Ten-Tec.

        * Our "Sunday Seminar" will feature Dave Newkirk, W9VES, providing a
tutorial
        on using the Serenade SV RF design software; this is another professional
package
        with a free version available for ham use.

We hope to see you there!

John N8UR
President, TAPR
jra@febo.com -- n8ur@tapr.org

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13. [htaprs] TH-7 And Garmin Street Pilot

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Fri, 7 Sep 2001 10:53:38 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34749-2001.09.07-13.17.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello to the group.

I hope someone may be able to provide some insight into my problem.

I have the TH-7A(G) and a Garmin Street Pilot Color. The radio does acquire
POS data but I am unable to have Waypoint data display on my Street Pilot.

Reading the manual for the Street Pilot, NMEA In/Out is supported. I am not
sure if it supports the $PGWPL command that the Radio outputs but, the
manual does suggest it does.

Anyone been able to make this combination work?

Thanks in advance.

Patrick Beard KC6TVB

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: TH-7 And Garmin Street Pilot

From: James J Baremore <k5qq@juno.com>
Date: Fri, 7 Sep 2001 15:09:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-34776-2001.09.07-16.35.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 7 Sep 2001 10:53:38 -0700 Patrick Beard
<patrick@vikingcomponents.com> writes:
>
> Hello to the group.
>
> I hope someone may be able to provide some insight into my problem.
>
> I have the TH-7A(G) and a Garmin Street Pilot Color. The radio does
> acquire
> POS data but I am unable to have Waypoint data display on my Street
> Pilot.
>
>
> Reading the manual for the Street Pilot, NMEA In/Out is supported.

If this is the 'older' Color Street Pilot, i.e., the $600 variety, it
does NOT support NEMA input. I have one of these and have tried
everything and have followed all of the Garmin info to no avail.

 I understand the 'newer', i.e., the $999 model, DOES support uploaded
waypoints and should work just like using a III+ or other Garmin GPS.

Jim

_____
GET INTERNET ACCESS FROM JUNO!
Juno offers FREE or PREMIUM Internet access for less!
Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/tagj.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: TH-7 And Garmin Street Pilot

From: "Erich Berman" <eberman@execpc.com>
Date: Fri, 7 Sep 2001 16:25:48 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34778-2001.09.07-16.49.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You have one of the first production Street PIlot devices. These did
not have NMEA in capability, only out. The first revision of the
BIOS after general availability of the Street Pilot included this
feature so devices manufactured later have the capability.

Go to the Garmin support web site and download the latest BIOS
then install it in your StreetPilot.   That should fix you up.

On 7 Sep 2001, at 10:53, Patrick Beard wrote:

>
> Hello to the group.
>
> I hope someone may be able to provide some insight into my problem.
>
> I have the TH-7A(G) and a Garmin Street Pilot Color. The radio does acquire
> POS data but I am unable to have Waypoint data display on my Street Pilot.
>
>
> Reading the manual for the Street Pilot, NMEA In/Out is supported. I am not
> sure if it supports the $PGWPL command that the Radio outputs but, the
> manual does suggest it does.
>
> Anyone been able to make this combination work?
>
> Thanks in advance.
>
> Patrick Beard KC6TVB
>
> ---
> You are currently subscribed to htaprs as: ERICH@BERMAN.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: TH-7 And Garmin Street Pilot

From: "Erich Berman" <eberman@execpc.com>
Date: Fri, 7 Sep 2001 16:31:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34779-2001.09.07-16.55.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One further point of clarification. The "StreetPilot Colormap"
doesn't have the NMEA in capability and never did. The StreetPilot
III, also a color display unit but introduced in the spring of this year,
didn't have NMEA in on first introduction but does with later BIOS
versions.

On 7 Sep 2001, at 15:09, James J Baremore wrote:

>
> On Fri, 7 Sep 2001 10:53:38 -0700 Patrick Beard
> <patrick@vikingcomponents.com> writes:
> >
> > Hello to the group.
> >
> > I hope someone may be able to provide some insight into my problem.
> >
> > I have the TH-7A(G) and a Garmin Street Pilot Color. The radio does
> > acquire
> > POS data but I am unable to have Waypoint data display on my Street
> > Pilot.
> >
> >
> > Reading the manual for the Street Pilot, NMEA In/Out is supported.
>
> If this is the 'older' Color Street Pilot, i.e., the $600 variety, it
> does NOT support NEMA input. I have one of these and have tried
> everything and have followed all of the Garmin info to no avail.
>
> I understand the 'newer', i.e., the $999 model, DOES support uploaded
> waypoints and should work just like using a III+ or other Garmin GPS.
>
> Jim
> ____
> GET INTERNET ACCESS FROM JUNO!
> Juno offers FREE or PREMIUM Internet access for less!
> Join Juno today! For your FREE software, visit:
> http://dl.www.juno.com/get/tagj.
>
> ---
> You are currently subscribed to htaprs as: ERICH@BERMAN.ORG
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: TH-7 And Garmin Street Pilot

From: Patrick Beard <patrick@vikingcomponents.com>
Date: Fri, 7 Sep 2001 15:01:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-34788-2001.09.07-17.25.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for your comments.

I do have the First Street Pilot ColorMap (bios 2.08) NOT the newer Street
Pilot III Color.

The manual does say it supports NMEA Input/Output. Also that the GPWPL on

the list of supported commands. But the description for NMEA under Comm Port is NMEA OUT. :-(

I have asked Garmin for clarification but that may take a several days.

Looks like I will have to run a Pic (BasicStamp) inline between the radio and the GPS. Then I can convert the GPWPL NMEA sentence to the appropriate Garmin sentence. A added bonus would be that I can choose the Icon that is displayed on the Map and when done I can delete by Icon on the GPS. just a thought.

Thanks for the clarification on NMEA Input/Output issue.

Patrick Beard KC6TVB

-----Original Message-----
From: Erich Berman [mailto:eberman@execpc.com]
Sent: Friday, September 07, 2001 2:26 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: TH-7 And Garmin Street Pilot

You have one of the first production Street PIlot devices. These did not have NMEA in capability, only out. The first revision of the BIOS after general availability of the Street Pilot included this feature so devices manufactured later have the capability.

Go to the Garmin support web site and download the latest BIOS then install it in your StreetPilot. That should fix you up.

On 7 Sep 2001, at 10:53, Patrick Beard wrote:

> Hello to the group.
>
> I hope someone may be able to provide some insight into my problem.
>
> I have the TH-7A(G) and a Garmin Street Pilot Color. The radio does acquire
> POS data but I am unable to have Waypoint data display on my Street Pilot.
>
>
> Reading the manual for the Street Pilot, NMEA In/Out is supported. I am not
> sure if it supports the $PGWPL command that the Radio outputs but, the
> manual does suggest it does.
>
> Anyone been able to make this combination work?
>
> Thanks in advance.
>
> Patrick Beard KC6TVB
>
> ---
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> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: patrick@vikingcomponents.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Correction to DCC Post

From: "John R. Ackermann" <jra@febo.com>
Date: Sat, 08 Sep 2001 20:22:57 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: mvarbb@febo.com, tawg-list@tawg.org
Message-ID: <LYR845-34976-2001.09.08-19.48.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a previous email I incorrectly stated that the Circad schematic drawing
and PCB layout program is available for Ham use at no cost. I
misunderstood the relationship of the various versions.

There is a highly discounted version of the $995 Circad program available
at $295.   This $295 version is available to Licensed Ham/Amateur Radio
Operators only. Check out http://dover.5u.com/ for more info on the Ham
Discount.

There is a demo version of Circad downloadable at http://www.holophase.com;
although that version can be used to draw small schematics and PCBs, it's
not a replacement for the full program.

I want to apologize to Holophase and to Jay Craswell for improperly
describing the versions of Circad, and to you for any confusion this may
have caused.

73,
John N8UR
President, TAPR
jra@febo.com -- n8ur@tapr.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Kenwood D700 Question

From: "Tony Annese" <kg4exa@hotmail.com>
Date: Tue, 11 Sep 2001 13:32:02 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35532-2001.09.11-15.51.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a fuse block connected directly to my car battery and my D700 is plugged into the fuse block. My ground is the same setup, ground strip direct to battery and D700 plugged into ground strip.

When I start my vehicle my D700 cycles power. I'm assuming it's because of the power draw from the battery. Not a big deal. Everything comes back normal.

What has started happening is that my APRS is up on the A band and when power/display comes back the memory tag/frequency for the A band comes up blank. I am still on freq because I am receiving/transmitting fine. When I switch CTRL to the A band and key the hand mike the display comes back. The B band doesn't experience this.

Has anyone else experienced this and is there a fix or do I have to send it back to Kenwood?

Tony
KG4EXA

20. [htaprs] RE: Kenwood D700 Question

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Wed, 12 Sep 2001 08:31:33 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35601-2001.09.12-07.55.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My D700 does the same thing. I have gotten into the (semi) habit
of turning if off, prior to starting, or if I forget, and look up at a
blank or wrong display, turn it off & back on, and its fine and happy.

Im Direct battery connected also, so its hot all the time.

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Tony Annese [mailto:kg4exa@hotmail.com]
Sent: Tuesday, September 11, 2001 4:32 PM
To: TAPR Hot Technology APRS

Subject: [htaprs] Kenwood D700 Question

I have a fuse block connected directly to my car battery and my D700 is plugged into the fuse block. My ground is the same setup, ground strip direct to battery and D700 plugged into ground strip.

When I start my vehicle my D700 cycles power. I'm assuming it's because of the power draw from the battery. Not a big deal. Everything comes back normal.

What has started happening is that my APRS is up on the A band and when power/display comes back the memory tag/frequency for the A band comes up blank. I am still on freq because I am receiving/transmitting fine. When I switch CTRL to the A band and key the hand mike the display comes back. The B band doesn't experience this.

Has anyone else experienced this and is there a fix or do I have to send it back to Kenwood?

Tony
KG4EXA

21. [htaprs] RE: htaprs digest: September 12, 2001

From: "Dwayne Moffett" <dmoffett@aaicontrols.com>
Date: Thu, 13 Sep 2001 11:28:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35848-2001.09.13-11.49.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I would suggest that your batteries may be weak. I have the same setup and never loose
the radio when I start my vehicle. I leave it on all the time because I am running APRS and I
have watched it when I start the vehicle and it does not go blank. I would check the voltage
upon starting the vehicle. It is probably dropping to low.

73's Dwayne KD5LDQ

-----Original Message-----
From: bounce-htaprs-19886@lists.tapr.org
[mailto:bounce-htaprs-19886@lists.tapr.org]On Behalf Of TAPR Hot Technology APRS digest
Sent: Thursday, September 13, 2001 12:00 AM
To: htaprs digest recipients
Subject: htaprs digest: September 12, 2001

TAPR Hot Technology APRS Digest for Wednesday, September 12, 2001.

1. RE: Kenwood D700 Question

Subject: RE: Kenwood D700 Question
From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Wed, 12 Sep 2001 08:31:33 -0400
X-Message-Number: 1

This message is in MIME format. Since your mail reader does not understand this format, some or all of this message may not be legible.

------_=_NextPart_001_01C13B86.DB9B2980
Content-Type: text/plain;
        charset="iso-8859-1"

My D700 does the same thing. I have gotten into the (semi) habit
of turning if off, prior to starting, or if I forget, and look up at a
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Im Direct battery connected also, so its hot all the time.

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Tony Annese [mailto:kg4exa@hotmail.com]
Sent: Tuesday, September 11, 2001 4:32 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Kenwood D700 Question

I have a fuse block connected directly to my car battery and my D700 is
plugged into the fuse block. My ground is the same setup, ground strip
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When I start my vehicle my D700 cycles power. I'm assuming it's because of
the power draw from the battery. Not a big deal. Everything comes back
normal.

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power/display comes back the memory tag/frequency for the A band comes up
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switch CTRL to the A band and key the hand mike the display comes back. The
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Has anyone else experienced this and is there a fix or do I have to send it
back to Kenwood?

Tony
KG4EXA

------_=_NextPart_001_01C13B86.DB9B2980
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        charset="iso-8859-1"

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<DIV><FONT color=#0000ff face=Arial size=2><SPAN class=830062812-12092001>My
D700 does the same thing. I have gotten into the (semi)
habit</SPAN></FONT></DIV>
<DIV><FONT color=#0000ff face=Arial size=2><SPAN class=830062812-12092001>of
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<DIV><FONT color=#0000ff face=Arial size=2><SPAN
class=830062812-12092001>blank
or wrong display, turn it off & back on, and its fine and
happy.</SPAN></FONT></DIV>
<DIV><FONT color=#0000ff face=Arial size=2><SPAN
class=830062812-12092001></SPAN></FONT> </DIV>
<DIV><FONT color=#0000ff face=Arial size=2><SPAN class=830062812-12092001>Im
Direct battery connected also, so its hot all the time.</SPAN></FONT></DIV>
<DIV><FONT color=#0000ff face=Arial size=2><SPAN
class=830062812-12092001></SPAN></FONT> </DIV>
<DIV><FONT color=#0000ff face=Arial size=2><SPAN
class=830062812-12092001>Ed N3SDO</SPAN></FONT></DIV>
<DIV> </DIV>
<P><FONT face=Arial size=2>Ed Bathgate   MFG Engineering
Technician ASX-4000 line.</FONT>
<FONT face=Arial size=2>Bldg 4.
(724)
742-6575   Marconi Networks Pittsburgh PA USA</FONT> </P>
<BLOCKQUOTE style="MARGIN-RIGHT: 0px">
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  size=2>-----Original Message-----
<B>From:</B> Tony Annese
  [mailto:kg4exa@hotmail.com]
<B>Sent:</B> Tuesday, September 11, 2001
4:32
  PM
<B>To:</B> TAPR Hot Technology APRS
<B>Subject:</B> [htaprs]
Kenwood
  D700 Question

</DIV></FONT>
  <DIV><FONT face=Arial size=2>I have a fuse block connected directly to my
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  <DIV> </DIV>

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  <DIV> </DIV>
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  <DIV> </DIV>
  <DIV><FONT face=Arial size=2>Tony</FONT></DIV>
  <DIV><FONT face=Arial
size=2>KG4EXA</FONT></DIV></BLOCKQUOTE></BODY></HTML>

------_=_NextPart_001_01C13B86.DB9B2980--



---

END OF DIGEST

---
You are currently subscribed to htaprs as: dmoffett@aaicontrols.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org



---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

22. [htaprs] RE: htaprs digest: September 12, 2001

```
From: "W1SAR" <w1sar@searcher.org>
Date: Thu, 13 Sep 2001 09:48:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35855-2001.09.13-12.11.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> -----Original Message-----
> From: bounce-htaprs-15697@lists.tapr.org
> [mailto:bounce-htaprs-15697@lists.tapr.org]On Behalf Of Dwayne Moffett
> Sent: Thursday, September 13, 2001 9:29 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: htaprs digest: September 12, 2001
>
>
> I would suggest that your batteries may be weak.  I have the same
> setup and
> never loose
> the radio when I start my vehicle.  I leave it on all the time
> because I am
> running APRS and I
> have watched it when I start the vehicle and it does not go
> blank.  I would
> check the voltage
> upon starting the vehicle.  It is probably dropping to low.
>
> 73's Dwayne KD5LDQ


I had a similar problem - replaced the vehicle battery with an Ultima
Yellowtop - supports a high cranking current and I have no problems with any
of the six radios connected when I start the vehicle.

Drew Witham W1SAR
Shasta County Emergency Coordinator
ARES / RACES / CDF-VIP
```

http://www.scares.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] RE: Kenwood D700 Question

From: "Richard Amirault" <ramirault@erols.com>
Date: Thu, 13 Sep 2001 13:01:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35858-2001.09.13-12.29.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just my $.02

I think you're asking for trouble by leaving the radio on. I occasional
forget, but if it happens to be on, I normally shut my D-700 off when I
start the car. Yes, I know turning electronic equipment off and on is not
"good" but it seems to be less harmful than the alternative. By the same
token, if I know i'm only driving a short time/distance (5 minutes) I don't
even turn it on at all.

Does anyone know just *what* can happen on engine startup? Most folks have
mentioned a voltage drop, but I thought there was voltage spike problems
also.

Richard Amirault   N1JDU   Boston, MA, USA
ramirault@erols.com   "Go Fly A Kite"
http:// www.erols.com/ramirault
----- Original Message -----

> When I start my vehicle my D700 cycles power. I'm assuming it's because
of
> the power draw from the battery. Not a big deal. Everything comes back
> normal.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Re: Kenwood D700 Question

From: Phillip Clark <pbclark1@attglobal.net>
Date: Thu, 13 Sep 2001 10:53:25 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-35863-2001.09.13-13.17.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mine has always done this also.

Phil KD6SP

Tony Annese wrote:

> I have a fuse block connected directly to my car battery and my D700
> is plugged into the fuse block. My ground is the same setup, ground
> strip direct to battery and D700 plugged into ground strip. When I
> start my vehicle my D700 cycles power. I'm assuming it's because of
> the power draw from the battery. Not a big deal. Everything comes back
> normal. What has started happening is that my APRS is up on the A band
> and when power/display comes back the memory tag/frequency for the A
> band comes up blank. I am still on freq because I am
> receiving/transmitting fine. When I switch CTRL to the A band and key
> the hand mike the display comes back. The B band doesn't experience
> this. Has anyone else experienced this and is there a fix or do I have
> to send it back to Kenwood? TonyKG4EXA

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Digital Communications Conference Still On

From: John Ackermann N8UR <jra@febo.com>
Date: Thu, 13 Sep 2001 17:24:05 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-35917-2001.09.13-16.50.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With the tragic events of this week, we've had to seriously consider
whether it was still appropriate or feasible to hold the Digital
Communications Conference next weekend (Sept. 20-22) in Cincinnati.
Although we grieve with the whole world for the losses so many have
suffered, we believe it's important to show that terrorism will not succeed
in making us change our way of life.

So, the DCC will go on. We realize that in light of the circumstances,
some folks who have already registered may feel they cannot attend. If
that is the case, please contact the TAPR office (tapr@tapr.org) and we
will arrange a refund of your registration fee. If you are traveling to
the DCC, remember that things may still be somewhat disrupted next week,
and increased security precautions will certainly cause some airport
delays. Check with your airline early and often to make sure they haven't
changed your plans for you.

We realize that this year's DCC may well be smaller, and will certainly be
more somber, than in past years. But we think that going ahead is the
right thing to do, and we hope that you agree.

73,
John

John Ackermann   N8UR   jra@febo.com   http://www.febo.com
President, TAPR   n8ur@tapr.org   http://www.tapr.org

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Prodrian enviarnos mas informacion

From: scaravaglionea@arnet.com.ar
Date: Sun, 16 Sep 2001 01:20:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36397-2001.09.16-01.20.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Les escribo porque pienso que nuestras actividades podrian estar relacionadas, pero no estoy muy seguro.
 Nosotros representamos a varias compa□ias internacionales.

Si es posible, podrian enviarnos una sinopsis de vuestras actividades? Si lo consideran conveniente y es
 posible, envienos mas informacion por correo, para clarificarnos.

Si son tan amables, estariamos encantados de enterarnos mas

Sin mas, saludo a Ustedes muy atentamente

Ing. Enrique Ossorio
CEO de CT

scaravaglione@arnet.com.ar
http://www.tecnologicas.freeservers.com
Te/Fax: 54 11 4571 3341
Nueva York 2396 PB B
Buenos Aires
(C1419ZGC)
 Argentina

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Prodrian enviarnos mas informacion

From: scaravaglionea@arnet.com.ar
Date: Sun, 16 Sep 2001 02:54:05 -0500 (CDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36401-2001.09.16-03.18.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

De mi mayor consideracion:

Les escribo porque pienso que nuestras actividades podrian estar relacionadas, pero no estoy muy seguro.
 Nosotros representamos a varias compa□ias internacionales.

Si es posible, podrian enviarnos una sinopsis de vuestras actividades? Si lo consideran conveniente y es
 posible, envienos mas informacion por correo, para clarificarnos.

Si son tan amables, estariamos encantados de enterarnos mas

Sin mas, saludo a Ustedes muy atentamente

Ing. Enrique Ossorio
CEO de CT

scaravaglione@arnet.com.ar
http://www.tecnologicas.freeservers.com
Te/Fax: 54 11 4571 3341
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: Prodrian enviarnos mas informacion

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sun, 16 Sep 2001 03:45:56 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: scaravaglionea@arnet.com.ar
Message-ID: <LYR845-36405-2001.09.16-04.11.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Huh? Unfortunately your request does not translate well into English.

Huh? Desafortunadamente su petición no traduce bien a Inglés.

This Special Information Group (SIG) pertains to Kenwood VHF/UHF
transceivers specifically designed for use with what is known as the
Automated Position Reporting System (APRS).

Este grupo especial de la información (SIG) pertenece a los
transmisores-receptores de Kenwood VHF/UHF diseñados específicamente para
el uso con qué se conoce como la posición automatizada que señala el
sistema (APRS).

http://www.kenwood.net/products/index.cfm?AMA=open&ama_hheld=open&radio=TH-D7AG&selection=Amateur&ID=80

http://www.kenwood.net/products/index.cfm?AMA=open&ama_mob=open&radio=TM-D700A&selection=Amateur&ID=79

Most people that use this SIG would probably be more able to provide
information if the request was made in English.

La mayoría de la gente que utiliza este SIG podría probablemente más
proporcionar a la información si la petición fue hecha en Inglés

Espero que usted pueda entender mi Español.

73,

Respetos,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] APRS at the DCC -- Friday Schedule

From: "John R. Ackermann" <jra@febo.com>
Date: Sun, 16 Sep 2001 14:39:44 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36475-2001.09.16-14.03.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

We're looking forward to the APRS "Friday Forum" at the Digital
Communications Conference in Cincinnati. Due to the events of last week,
we've had some speakers cancel and have decided to start the Forum at 1:00
Friday afternoon rather than in the morning. Here's the tentative schedule
(order, time and length of presentations are still subject to change):

1:00 - 1:15 Welcome and Introduction -- Steve Dimse, K4HG
1:15 - 1:20 TinyTrak II -- Byon Garrabrant, N6BG
1:20 - 2:00 EasyTrack/EasyTrak Jr. -- Steve Bible, N7HPR
2:00 - 2:30 The Incredible Shrinking Tracker -- Mike Musick, N0QBF
2:00 - 2:30 Embedded Linux GPS tracker and AVL Unit -- Jeff King, WB8WKA
2:30 - 3:00 Break
3:00 - 3:30 FindU and Other Things Internet -- Steve Dimse, K4HG
3:30 - 3:45 WinCE-APRS -- Rob Wittner, KZ5RW
3:45 - 4:00 PocketAPRS Update -- Mike Musick, N0QBF
4:00 - 4:30 APRS Internet Connections 101 -- Bill Diaz, KC9XG

It'll be a great program!

On Friday evening, the Packet Radio Users Group of Tokyo, Japan will be
sponsoring a hospitality room, and although travel difficulties prevent any
PRUG membes from being there "live", we will be presenting their program
about the latest digital radio activities in Japan, so if you're coming for
the APRS program, please plan to stay for what promises to be an
interesting evening event.

You can still register for the DCC by contacting the TAPR office through
Wednesday. You can also register at the door on Friday.

For more details about the DCC, check
http://www.tapr.org/tapr/html/Fdccconf.html.

73,
John N8UR

PS -- We plan to have an APRS object for the DCC location up by late
Thursday to help you navigate.

John Ackermann   N8UR   jra@febo.com   http://www.febo.com
President, TAPR   n8ur@tapr.org   http://www.tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] D7A battery lock springs.

From: Ben Woodard <ben@valinux.com>
Date: Mon, 17 Sep 2001 09:58:28 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36645-2001.09.17-12.23.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On the bottom of the D7A there is a spring loaded battery lock
lever. Mine came apart and the springs popped out and hid themselves
amongst the rocks on the ground. Does anyone have any ideas where I
could aquire small springs like that? They are about 3/16 inch long
and about 3/32" wide. No hardware store seems to have anything even
remotely that small.

-ben

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: D7A battery lock springs.

From: Ben Woodard <ben@valinux.com>
Date: Mon, 17 Sep 2001 10:58:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-36671-2001.09.17-13.23.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thought of that. Pen springs are WAY too big. They won't fit the
diameter of the hole is too small.

-ben

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: D7A battery lock springs.

From: "James Jefferson" <jjeffers@deskmedia.com>
Date: Mon, 17 Sep 2001 14:35:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-36706-2001.09.17-14.59.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My advice is that if you don't want to pay Kenwood to fix it, then
invest in a roll of Super 88 electrical tape. I dropped my Kenwood
TH-G71 a few years ago and the battery spring broke in the same way
yours did. I just ignored the problem until one day I was walking across
the street and the radio fell off the battery, and my battery remained
on my belt. The traffic light changed and my radio got run over by a
moving van! I was horrified, but it turns out the radio was just fine. I
tape the battery back on and the radio has been in continuos use since.
Shameless plug for Kenwood :-)

-Jim Jefferson KB0THN

PS - The reason why I recommend Super 88 is that it won't leave a sticky
mess on your radio. Blue masking tape might be okay too.

> On the bottom of the D7A there is a spring loaded battery lock
> lever. Mine came apart and the springs popped out and hid themselves
> amongst the rocks on the ground. Does anyone have any ideas where I
> could aquire small springs like that? They are about 3/16 inch long
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>
> -ben
>
> ---
> You are currently subscribed to htaprs as: jjeffers@deskmedia.com
> To unsubscribe send a blank email to
leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
wa1lou@tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: D7A battery lock springs.

From: "Scott - KD5MHM" <kd5mhm@kd5mhm.org>
Date: Mon, 17 Sep 2001 15:51:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-36723-2001.09.17-16.17.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben,
In my youth I played around way too much with locks - doors, master,
padlock, etc. These are a wealth of springy thingies of all lengths and
diameters. Got any old locks around? Go to your favorite lock n key
shoppe, see what a selection they probably have...

Good luck,
Scott

----- Original Message -----
From: "Ben Woodard" <ben@valinux.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, September 17, 2001 11:58 AM
Subject: [htaprs] D7A battery lock springs.

> On the bottom of the D7A there is a spring loaded battery lock
> lever. Mine came apart and the springs popped out and hid themselves
> amongst the rocks on the ground. Does anyone have any ideas where I
> could aquire small springs like that? They are about 3/16 inch long
> and about 3/32" wide. No hardware store seems to have anything even
> remotely that small.
>
> -ben
>
> ---
> You are currently subscribed to htaprs as: kd5mhm@kd5mhm.org
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] SMA - BNC Adapter.

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 17 Sep 2001 14:54:27 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36750-2001.09.17-17.18.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Lots of people have complained about the SMA connector on the Kenwood D7.
This is a little gizmo that converts the SMA adapter on your radio to a
BNC. I saw it on a web page dedicated to the Yaesu VX5
(http://www.icongrp.com/~sllewd/store.html#sma):

Part # BGA-76
        Kenwood: TH-D7, TH-G71
        Alinco: DJ-V5
        Standard: C508A, C510A
        Radio Shack: HTX-200, HTX-400
        AOR: AR-16
Part # BGA-77
        Icom: IC-R2, IC-T8A, IC-T81A
        Radio Shack: HTX-245

Part # BGA-78
        Yaesu: FT-50-R, VX-10, VXA-100

Part # BGA-79 [NEW]
        Yaesu/Vertex: VX-150, VX-110, VXA-120

$11.95 + $1.50 S+H (One to unlimited)
(Check or money order only)
(Specify-radio-model or Part-Number)

STEPHEN G. GULYAS
706 LALOR ST.
TRENTON, N.J. 08610
U.S.A.

Any questions or comments should go to gulyas@netzero.net

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] Re: D7A battery lock springs.

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 17 Sep 2001 22:02:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36784-2001.09.17-22.30.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm guessing Kenwood would have them. They'll probably cost next to
nothing. But shipping will probably run you $8.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] Re: D7A battery lock springs.

From: "Keith Parker" <kb8zkh@bright.net>
Date: Mon, 17 Sep 2001 23:38:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36785-2001.09.17-23.05.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Isn't this great, the latest do doo on the D7a-g. Yes
mine also broke at the battery latch. I now use a piece
of black electrical tape 1.5" on each side. A .12Cent
part Gives a good radio a bad name!!!" KENWOOD"
would you wake up!
----- Original Message -----
From: "Skip Allison" <sallison@megsinet.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Monday, September 17, 2001 11:02 PM
Subject: [htaprs] Re: D7A battery lock springs.

> I'm guessing Kenwood would have them. They'll probably cost next to
> nothing. But shipping will probably run you $8.
>
> ---
> You are currently subscribed to htaprs as: kb8zkh@bright.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] d7 wiring

From: "Darla Ellison" <dellison@gva.net>
Date: Tue, 18 Sep 2001 06:44:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36872-2001.09.18-06.10.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I need some wiring help. I bought
a power/data cable for my garmin gps 2 plus to my d7ag . I am now trying to
figure out which wires to solder to the cable that came with the ht. The
power data cable has 4 wires red,black,brown and white . I know the red an
black are used for the power . the cable supplied for the ht has red,white
an the ground. .I have tried several combinations but still cant get it to
work. Any help would greatly be appreciated.
Thanks,
Darla

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: d7 wiring

From: "Peter Naumburg" <K5HAB@arrl.net>
Date: Tue, 18 Sep 2001 05:02:22 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36875-2001.09.18-06.26.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Darla
The garmin brown goes to the D7 red, the garmin white goes to the D7 red
Peter K5HAB
PS I have had bad luck with the D7 cable and replace it with a stronger one
like Mouser172-2010
----- Original Message -----
From: "Darla Ellison" <dellison@gva.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, September 18, 2001 4:44 AM
Subject: [htaprs] d7 wiring

> I need some wiring help. I bought
> a power/data cable for my garmin gps 2 plus to my d7ag . I am now trying
to
> figure out which wires to solder to the cable that came with the ht. The
> power data cable has 4 wires red,black,brown and white . I know the red an
> black are used for the power . the cable supplied for the ht has red,white
> an the ground. .I have tried several combinations but still cant get it to
> work. Any help would greatly be appreciated.
> Thanks,
> Darla
>
>
>
> ---
> You are currently subscribed to htaprs as: k5hab@arrl.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Sending email to APRS

From: "Mike Pate" <k5map@arrl.net>
Date: Tue, 18 Sep 2001 06:30:04 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36888-2001.09.18-06.54.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've successfully sent email from my D700/APRS mobile to my home mailbox.
When I attempt to reply to this email, I'm unable to obtain a valid email
address for my D700. Anyone know the "magic code" which identifies each
APRS unit?

map

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] RE: Sending email to APRS

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Tue, 18 Sep 2001 07:57:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36901-2001.09.18-08.21.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

No magic code. Email Internet<-->APRS is one way (APRS-->Internet).
There is a thread on the main APRS SIG that someone instituted an

Internet to APRS email gateway. You might want to check that sig for
more info.

There are two primary reasons why an Internet-->APRS gateway has not
been established. First, there is the issue of international
third-party traffic. Second, all emails need to be reviewed by the
originating station as that station is responsible for the content.
This makes an open, automated gateway difficult, if not impossible, to
legally implement.

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Mike Pate [mailto:k5map@arrl.net]
Posted At: Tuesday, September 18, 2001 6:35 AM
Subject: [htaprs] Sending email to APRS

I've successfully sent email from my D700/APRS mobile to my home
mailbox.
When I attempt to reply to this email, I'm unable to obtain a valid
email
address for my D700. Anyone know the "magic code" which identifies each
APRS unit?

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] RE: SMA - BNC Adapter.

From: "Rich Carter" <rich.carter@windriver.com>
Date: Tue, 18 Sep 2001 09:31:49 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36905-2001.09.18-08.55.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At first, I was puzzled about complaints concerning the SMA connectors.
I've worked on very expensive commercial equipment that uses SMA connectors
almost exclusively, so why would there be a problem on the D7? I think that
the answer is that the antenna manufacturers (including Kenwood) are not
using the connector the way it was intended. The shell should turn
independently from the center pin. The center pin is not supposed to spin
inside the female connector when you mate them. Spinning the center pin
will cause the plating to rub off the female pin. The way the connectors
are designed on the antennas, you must turn the whole thing to screw the
antenna on. This is wrong. What we need is a replacement antenna that is
designed properly. Commet, Diamond, and others, are you listening?

As far as converting the SMA to BNC, This will lengthen the connector
assembly on the radio. I'm concerned that you may cause too much leverage
on the SMA connector, allowing it to snap off more easilly. I suppose that
this is no worse than losing the center pin.

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Julian Frost
Sent: Monday, September 17, 2001 5:54 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] SMA - BNC Adapter.

Lots of people have complained about the SMA connector on the Kenwood D7.
This is a little gizmo that converts the SMA adapter on your radio to a
BNC. I saw it on a web page dedicated to the Yaesu VX5
(http://www.icongrp.com/~sllewd/store.html#sma):

Part # BGA-76
        Kenwood: TH-D7, TH-G71
        Alinco: DJ-V5

Standard: C508A, C510A
Radio Shack: HTX-200, HTX-400
AOR: AR-16
Part # BGA-77
Icom: IC-R2, IC-T8A, IC-T81A
Radio Shack: HTX-245

Part # BGA-78
Yaesu: FT-50-R, VX-10, VXA-100

Part # BGA-79 [NEW]
Yaesu/Vertex: VX-150, VX-110, VXA-120

$11.95 + $1.50 S+H (One to unlimited)
(Check or money order only)
(Specify-radio-model or Part-Number)

STEPHEN G. GULYAS
706 LALOR ST.
TRENTON, N.J. 08610
U.S.A.

Any questions or comments should go to gulyas@netzero.net

Julian

You are currently subscribed to htaprs as: rcarter@isi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] RE: SMA - BNC Adapter.

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 18 Sep 2001 08:59:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-36912-2001.09.18-09.23.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>As far as converting the SMA to BNC, This will lengthen the connector
>assembly on the radio. I'm concerned that you may cause too much leverage
>on the SMA connector, allowing it to snap off more easilly. I suppose that
>this is no worse than losing the center pin.

I thought this too until I saw the inside and how the connector is fastened.
I am no longer worried about it on my radio, and use a simple SMA to BNC
adapter so that all of my antenna cables are mated to the radio via BNC and
when I go portable, I take off the adapter and put on the 19" whip...
Eventually I will get a BNC connectored whip I suppose, but not till I break
this one...

-----
gregg@c2-tech.com (C2 Technologies Inc)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: d7 wiring

From: Ben Woodard <ben@valinux.com>
Date: Tue, 18 Sep 2001 07:12:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36913-2001.09.18-09.37.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Darla
> The garmin brown goes to the D7 red, the garmin white goes to the D7 red
>
> Peter K5HAB
>
> PS I have had bad luck with the D7 cable and replace it with a stronger one
> like Mouser172-2010

I would like to second that. I've had no luck getting the provided
cable to work. I ended up going to Radio Shack and getting several of
those 3/32" tips and soldering them to phone wire to the several
connectors that I needed.

One for my GPS
One for my computer
One for my palm pilot

-ben

> ----- Original Message -----
> From: "Darla Ellison" <dellison@gva.net>
> To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
> Sent: Tuesday, September 18, 2001 4:44 AM
> Subject: [htaprs] d7 wiring
>
>
> > I need some wiring help. I bought
> > a power/data cable for my garmin gps 2 plus to my d7ag . I am now trying
> to
> > figure out which wires to solder to the cable that came with the ht. The
> > power data cable has 4 wires red,black,brown and white . I know the red an
> > black are used for the power . the cable supplied for the ht has red,white
> > an the ground. .I have tried several combinations but still cant get it to
> > work. Any help would greatly be appreciated.
> > Thanks,
> > Darla
> >
> >
> >
> > ---
> > You are currently subscribed to htaprs as: k5hab@arrl.net
> > To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> > Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
> >
>
>
> ---
> You are currently subscribed to htaprs as: ben@valinux.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] re: SMA - BNC Adapter.

From: Robert Michaud <r.michaud@glumac-sf.com>
Date: Tue, 18 Sep 2001 10:24:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-36965-2001.09.18-12.50.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

SIG

I have to respectively disagree with the SMA/BNC solution below. Since the
adapter is not specifically made for the D7 over a period of many months the
SMA threads stripped. The reason they stripped is the adapter does not
fully screw on to the SMA connector. I have remove the rubber fitting from
the adapter when I need to connect a BNC to the radio. Fortunately the new
SMA connector is of better quality then OEM.

Robert htaprs@lists.tapr.org

Subject:
From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 17 Sep 2001 14:54:27 -0700 (PDT)

X-Message-Number: 5

Lots of people have complained about the SMA connector on the Kenwood D7.
This is a little gizmo that converts the SMA adapter on your radio to a
BNC. I saw it on a web page dedicated to the Yaesu VX5
(http://www.icongrp.com/~sllewd/store.html#sma):

Part # BGA-76
        Kenwood: TH-D7, TH-G71
        Alinco: DJ-V5
        Standard: C508A, C510A
        Radio Shack: HTX-200, HTX-400
        AOR: AR-16
Part # BGA-77
        Icom: IC-R2, IC-T8A, IC-T81A
        Radio Shack: HTX-245

Part # BGA-78
        Yaesu: FT-50-R, VX-10, VXA-100

Part # BGA-79 [NEW]
        Yaesu/Vertex: VX-150, VX-110, VXA-120

$11.95 + $1.50 S+H (One to unlimited)
(Check or money order only)
(Specify-radio-model or Part-Number)

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] APRS Working Group Adds Members

From: "John R. Ackermann" <jra@febo.com>
Date: Tue, 18 Sep 2001 19:09:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37000-2001.09.18-18.33.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The APRS Working Group is pleased to announce that Bill Diaz, KC9XG, and
Roger Barker, G4IDE, have joined the WG effective immediately.

Bill is the author of the A-Filter software and has been actively involved
in discussions around the APRS Internet specification. Roger is the author
of UI-view and brings a valuable international perspective to the WG.

We're excited to have them in the Working Group, and look forward to the
value they will add to the APRS standards process.

For the APRS Working Group,

John N8UR
Administrative Chair
jra@febo.com -- n8ur@tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Digital Communications Conference -- Final Update

From: "John R. Ackermann" <jra@febo.com>
Date: Tue, 18 Sep 2001 19:32:34 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37016-2001.09.18-18.58.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, the Digital Communications Conference is only a few days away. If
you can make your way to Cincinnati, Ohio this weekend (Sept. 21-22) we
invite you to attend the show -- registration is available at the door.
Full details, including the current schedule, are available at
http://www.tapr.org/dcc.

Here's a brief rundown; note that due to the tragic events of last week,
we've had to make some adjustments to the schedule.

Friday:

```
Registration Opens                      9:00AM

APRS Forum                                      1:00 - 6:00PM
                                                (The morning part of the Forum has been cancelled.)

PRUG Social                                     7:00PM
                                                (Come enjoy the hospitality and see the latest
activities
                                                of the Packet Radio Users Group of Tokyo, Japan.)

Saturday:

Registration Opens                      7:15AM

Main Program                            8:00AM - 5:00PM
                                                (There will be a mix of introductory sessions on new
                                                aspects of digital communication, as well as more
                                                advanced topics.  We think there'll be something
                                                for everyone.)

TAPR Membership Meeting                 5:00PM

Banquet                                         7:00PM
                                                (Anthony Curtis, K3RXK will speak on "40 Years of
Amateur
                                                Radio in Space.")

NOTE:   We've regretfully had to cancel the Sunday Seminar.  If you
registered for it, please stop at the registration area or contact TAPR to
arrange a refund.

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

47. [htaprs] re: SMA - BNC Adapter.

```
From: MEWintle@aol.com
Date: Wed, 19 Sep 2001 16:22:11 EDT
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-37214-2001.09.19-15.46.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
```

```
In a message dated 9/18/01 1:28:24 PM Eastern Daylight Time,
r.michaud@glumac-sf.com writes:

> I have to respectively disagree with the SMA/BNC solution below.  Since the
>  adapter is not specifically made for the D7 over a period of many months
the
>  SMA threads stripped.  The reason they stripped is the adapter does not
>  fully screw on to the SMA connector.  I have remove the rubber fitting from
>  the adapter when I need to connect a BNC to the radio.  Fortunately the new
>  SMA connector is of better quality then OEM.

I've heard about this connector from three different sources in the past
month, all are enthusiastic. Last night at my local club meeting I got to
play with one. Seemed cool enough. But your comments certainly concern me.

One part that confused me was your last sentence. Do you mean that your SMA
failed and you replaced it? By "stronger than OEM" do you mean that you
bought a new SMA connector and soldered it in yourself, vs sending it to
Kenwood for repair?

Sorry if you had already told us about your steps. It's a lot of people and
email to keep straight.

Thanks,
Mark W1NTL
Morris Twp, NJ
BMW K75

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

48. [htaprs] re: SMA - BNC Adapter.

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Wed, 19 Sep 2001 23:43:43 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37234-2001.09.19-18.08.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Julian Frost <jfrost@eclectic.ss.uci.edu> wrote:-

> Lots of people have complained about the SMA connector on the Kenwood D7.

This is a problem that we now see on many new products. A few years ago, I coined the expression: 'Wizz kid designed'.

I get the impression that students with new degrees just out of university, are given jobs that they do not have the experience for completing correctly. They have all the theory but no experience of using the existing product due for replacement.

I've just bought a new GPS, a Garmin eMap, to replace my Garmin 75, used with a D700e.. The GPS also had an excellent BNC, easy to connect with, but now replaced with a most unsuitable replacement on the eMap.

There are many other examples of this problem.
--
Alan Morris, G4ENS
Somewhere in Kent, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Wed, 19 Sep 2001 21:11:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37260-2001.09.19-21.47.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:43 PM 9/19/01, Alan Morris G4ENS wrote:

>I get the impression that students with new degrees just out of
>university, are given jobs that they do not have the experience for
>completing correctly. They have all the theory but no experience of using
>the existing product due for replacement.

In this case, though, I bet other design and production considerations went into play.

>I've just bought a new GPS, a Garmin eMap, to replace my Garmin 75, used
>with a D700e.. The GPS also had an excellent BNC, easy to connect with,
>but now replaced with a most unsuitable replacement on the eMap.

Again the connector on the eMap had to be chosen with other design considerations. Garmin has been using this little MCX connector for a long time now. Even the first 12XL's had them.   A svelte package like the eMap would look pretty funny sprouting a BNC, NMO, or N connector, now wouldn't it? Also consider the fact that BNC connectors are not really designed for frequencies above 1.5 GHz (if memory serves me correctly).

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] re: SMA - BNC Adapter.

From: "edoc" <kd4e@arrl.net>
Date: Thu, 20 Sep 2001 10:56:19 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37330-2001.09.20-10.20.39--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

I acquired two of the rubber booted SMA-BNC adapters a while back.
One of them failed under moderate use and I lost use of my D7 for
three weeks while they removed the sheared pin.

I have an idea for a metal plate under the belt clip to which a right-
angle BNC is welded ... from the base of that would run a short
cable with a SMA on the other end ... up to the D7 connector. Any
reason this wouldn't work? Sure would solve the mechanical failure
problem of the adapter and connector!

I am seriously considering selling my D7 and acquiring a HT with
a more robust BNC connector. (The other reason is that I need
tone squelch paging, not offered on the D7 -- unless someone
knows of a way to cause the D7 to open squelch in response to
DTMF tone sequences.)

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

> > I have to respectively disagree with the SMA/BNC solution below. Since
the
> > adapter is not specifically made for the D7 over a period of many
months the
> > SMA threads stripped. The reason they stripped is the adapter does not
> > fully screw on to the SMA connector. I have remove the rubber fitting
from
> > the adapter when I need to connect a BNC to the radio. Fortunately the
new
> > SMA connector is of better quality then OEM.
>
> I've heard about this connector from three different sources in the past
> month, all are enthusiastic. Last night at my local club meeting I got to
> play with one. Seemed cool enough. But your comments certainly concern me.
>
> One part that confused me was your last sentence. Do you mean that your
SMA
> failed and you replaced it? By "stronger than OEM" do you mean that you
> bought a new SMA connector and soldered it in yourself, vs sending it to
> Kenwood for repair?
>
> Sorry if you had already told us about your steps. It's a lot of people
and
> email to keep straight.
>
> Thanks,
> Mark W1NTL
> Morris Twp, NJ
> BMW K75

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51. [htaprs] re: SMA - BNC Adapter.

From: "Scott - KD5MHM" <kd5mhm@kd5mhm.org>
Date: Thu, 20 Sep 2001 13:26:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37353-2001.09.20-13.52.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Doc,
BEEN THERE, TRIED THAT! Expect failure. Here's why:

I have 3 sets of batteries for my Kenwood. ALL my Kenwood batteries have
had the battery housing crack using the belt clip and dumped my HT onto the
ground. I am unable to safely use the belt clip at all. All my new
Kenwood's case damage (scratches on my display face making it hard to read,
nasty scratches on the case, etc) are the result of this POORLY DESIGNED
battery belt clip mount.

I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of
these failures if interested.

At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send
~~~~~~

them in on warranty, perhaps they'll replace the batteries...". Personally
I think that a redesign is in order.

Currently, I'm looking at a skinny 'wedge' (steel?) that would go between
the battery and radio, extend the power contacts and provide a 'seriously
strong' hand-strap, bnc and belt clip mounting method...

Best wishes,
Scott

From: "edoc" <kd4e@arrl.net>
> I acquired two of the rubber booted SMA-BNC adapters a while back.
> One of them failed under moderate use and I lost use of my D7 for
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>
> I have an idea for a metal plate under the belt clip to which a right-
> angle BNC is welded ... from the base of that would run a short
> cable with a SMA on the other end ... up to the D7 connector. Any
> reason this wouldn't work? Sure would solve the mechanical failure
> problem of the adapter and connector!

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] re: SMA - BNC Adapter.

From: Ken Cechura <kcechura@umr.edu>
Date: Thu, 20 Sep 2001 13:33:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37356-2001.09.20-14.01.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

looks like this is an almost industry wide problem....bad belt clips. had
an ADI AT 600 a few years ago that still had a metal belt clip.....darned
good radio, but a bit large. got a yaesu VX-5....one of the worst designed
belt clips i've ever seen. Kenwood is a bit strange by putting the belt
clip on the battery, but if the latch mechanism fails, i guess the battery
is safe.....
fixed the VX5 by buying a motorola belt clip and modifying the back of it
to mate with the radio. unfurtunately, i dont knwo what options are
available for kenwoods.....maybe attatch a "leash" to the radio and to your
belt, radio tumbles, it won't hit the ground.....although i think that idea
may have made it to the SIG earlier

At 01:26 PM 9/20/2001 -0500, Scott - KD5MHM wrote:
>Doc,
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>
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>had the battery housing crack using the belt clip and dumped my HT onto the
>ground. I am unable to safely use the belt clip at all. All my new
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>nasty scratches on the case, etc) are the result of this POORLY DESIGNED
>battery belt clip mount.
>
>I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of
>these failures if interested.
>
>At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send
>them in on warranty, perhaps they'll replace the batteries...". Personally
>I think that a redesign is in order.
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>Currently, I'm looking at a skinny 'wedge' (steel?) that would go between
>the battery and radio, extend the power contacts and provide a 'seriously
>strong' hand-strap, bnc and belt clip mounting method...
>
>Best wishes,
>Scott
>
>
>From: "edoc" <kd4e@arrl.net>
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> > One of them failed under moderate use and I lost use of my D7 for
> > three weeks while they removed the sheared pin.
> >

> > I have an idea for a metal plate under the belt clip to which a right-
> > angle BNC is welded ... from the base of that would run a short
> > cable with a SMA on the other end ... up to the D7 connector. Any
> > reason this wouldn't work? Sure would solve the mechanical failure
> > problem of the adapter and connector!
>
>
>
>---
>You are currently subscribed to htaprs as: kcechura@umr.edu
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>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

      //
     //   Kenneth R. Cechura, KC9UMR   //
    //   kcechura@umr.edu   //
   //   Station Manager, W0EEE   //
  // University of Missouri-Rolla Amateur Radio Club //
//

53. [htaprs] re: SMA - BNC Adapter.

From: Phil Reed <preed@dnaco.net>
Date: Thu, 20 Sep 2001 14:35:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37357-2001.09.20-14.06.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 01:26 PM 9/20/2001 -0500, Scott - KD5MHM wrote:
>Doc,

As soon as I could locate one, I got the protective case for the TH-D7A.
It's formed like a little bag, and it has its own clip. No way can it fall
out (unless you stand on your head for an extended period, and even then
it's got a retaining strap). I took the "belt" "clip" off the battery packs
and forgot about them completely. They are around here someplace, but I
don't need them.

Yes, that clip thing is an extremely cheesy design.

>BEEN THERE, TRIED THAT! Expect failure. Here's why:
>
>I have 3 sets of batteries for my Kenwood. ALL my Kenwood batteries have
>had the battery housing crack using the belt clip and dumped my HT onto the
>ground. I am unable to safely use the belt clip at all. All my new
>Kenwood's case damage (scratches on my display face making it hard to read,
>nasty scratches on the case, etc) are the result of this POORLY DESIGNED
>battery belt clip mount.
>
>I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of
>these failures if interested.
>
>At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send
>them in on warranty, perhaps they'll replace the batteries...". Personally
>I think that a redesign is in order.
>
>Currently, I'm looking at a skinny 'wedge' (steel?) that would go between
>the battery and radio, extend the power contacts and provide a 'seriously
>strong' hand-strap, bnc and belt clip mounting method...
>
>Best wishes,
>Scott

- ---

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 7.0.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBO6o2/Il0VBXuaP/UEQJU1QCdFbI4LeqtzyRobIOfo7dYxIz7ldYAoMun
yFXvkvaU9hcZaGljfaHVR/ty
=KJvi
-----END PGP SIGNATURE-----

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54. [htaprs] re: SMA - BNC Adapter.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Thu, 20 Sep 2001 14:46:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37359-2001.09.20-14.11.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have an ICOM T8. It has plastic belt clip on the batt, and SMA.
I used a 6" SMA-BNC cable to convert the rig for external antenna use.
I bought a comet sma mount flexi whip. It makes a big difference.
I did use it with the BNC expcept mobile, to connect to an ext ant.

My T7, has a metal clip on the batty pack. But this rig has too small
of a batt, and it does not hold a charge well.

I did notice in the last ham sale flyer I got, that Icom has gone back
to the "bigger is better" / Simpler is best design with their next
Retro Brick HT.   If it will take HTX-202 / IC-02 battery packs, I know
what my next workhorse ht will be!

73

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

-----Original Message-----
From: Ken Cechura [mailto:kcechura@umr.edu]
Sent: Thursday, September 20, 2001 2:34 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] re: SMA - BNC Adapter.

looks like this is an almost industry wide problem....bad belt clips. had
an ADI AT 600 a few years ago that still had a metal belt clip.....darned
good radio, but a bit large. got a yaesu VX-5....one of the worst designed
belt clips i've ever seen. Kenwood is a bit strange by putting the belt
clip on the battery, but if the latch mechanism fails, i guess the battery
is safe.....
fixed the VX5 by buying a motorola belt clip and modifying the back of it to
mate with the radio. unfurtunately, i dont knwo what options are available
for kenwoods.....maybe attatch a "leash" to the radio and to your belt,
radio tumbles, it won't hit the ground.....although i think that idea may
have made it to the SIG earlier

At 01:26 PM 9/20/2001 -0500, Scott - KD5MHM wrote:

Doc,
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ground. I am unable to safely use the belt clip at all. All my new
Kenwood's case damage (scratches on my display face making it hard to read,
nasty scratches on the case, etc) are the result of this POORLY DESIGNED
battery belt clip mount.

I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of
these failures if interested.

At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send
them in on warranty, perhaps they'll replace the batteries...". Personally
I think that a redesign is in order.

Currently, I'm looking at a skinny 'wedge' (steel?) that would go between
the battery and radio, extend the power contacts and provide a 'seriously
strong' hand-strap, bnc and belt clip mounting method...

Best wishes,

Scott

From: "edoc" <kd4e@arrl.net>
> I acquired two of the rubber booted SMA-BNC adapters a while back.
> One of them failed under moderate use and I lost use of my D7 for
> three weeks while they removed the sheared pin.
>
> I have an idea for a metal plate under the belt clip to which a right-
> angle BNC is welded ... from the base of that would run a short
> cable with a SMA on the other end ... up to the D7 connector. Any
> reason this wouldn't work? Sure would solve the mechanical failure
> problem of the adapter and connector!

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     //
    //   Kenneth R. Cechura, KC9UMR   //
   //   kcechura@umr.edu   //
  //   Station Manager, W0EEE   //
 // University of Missouri-Rolla Amateur Radio Club //
//

55. [htaprs] re: SMA - BNC Adapter.

From: "edoc" <kd4e@arrl.net>
Date: Thu, 20 Sep 2001 15:14:23 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37364-2001.09.20-14.38.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> As soon as I could locate one, I got the protective case for the TH-D7A.
> It's formed like a little bag, and it has its own clip. No way can it fall
> out (unless you stand on your head for an extended period, and even then
> it's got a retaining strap). I took the "belt" "clip" off the battery
packs
> and forgot about them completely. They are around here someplace, but I
> don't need them.

I also have the matching Kenwood protective case. Its design is as poor as
the belt clip! The material unravels, the plastic too thin -- it wrinkles
and
obscures the display esp. in bright light, and there is no protection at the
top from rain, etc. Sigh!

Yes, the best option does seem to be a plate mounted on the protective
case rather than the HT, and the SMA connector really should be a quick
disconnect for easy of battery changes, etc. (Must recall that SMA's are
not engineered for repetitive on and off activities. Or so I am told.)

Good to hear that Icom is getting the message and looking at designs
more suitable for serious users, esp. those of us in emergency
communications
for whom mechanical failure is serious business!

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] fragile belt clip (was: SMA - BNC Adapter)

From: "Rich Carter" <rich.carter@windriver.com>
Date: Thu, 20 Sep 2001 15:43:47 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37368-2001.09.20-15.07.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I don't recommend that anyone use a belt clip for anything other than a very
occasional use. They are awkward to use, and most of them are unreliable.
~~~~~~

I use an HT very frequently, and find the pouch is the most comfortable way to go. I've removed the belt clip from most of my HTs. Removal makes them smaller and easier to put in a pouch.

I sometimes use a fanny pack that I bought from Radio Shack, but it looks a little wierd and is not as comfortable. The fanny pack provides storage for spare batteries and other assorted stuff. The man-show won't let you on their web site if you admit to using one though ;)

I bought my last pouch at a flea market a while ago for only a couple of bucks. Below is a link to a manufacturer who makes HT pouches. I don't represent this company in any way. There are other manufacturers of belt pouches out there too. http://www.thepouch.com/ham.htm

Rich - KE1EV

57. [htaprs] re: SMA - BNC Adapter.

From: "Chris Rose" <kb8uih@arrl.net>
Date: Thu, 20 Sep 2001 22:58:41 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37469-2001.09.20-22.24.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I like the leash idea. Many years ago when I got my first boat anchor HT (Radio Shack HTX 202) I put a small key ring on the end of the lanyard and cliped it to my belt with a product called a "Key Safe" that you clipped key rings to on your belt. They were available at a neighborhood lock shop. It also deterred someone from grabbing your ht in a crowded environment such as sporting events, etc., such as a purse snatcher would do--grab and run.

Chris
KB8UIH

> ----- Original Message -----
> From: Ken Cechura
> To: TAPR Hot Technology APRS
> Sent: Thursday, September 20, 2001 2:33 PM
> Subject: [htaprs] re: SMA - BNC Adapter.
>
> looks like this is an almost industry wide problem....bad belt clips. had an ADI AT 600 a few years ago that still had a metal belt clip.....darned good radio, but a bit large. got a yaesu VX-5....one of the worst designed belt clips i've ever seen. Kenwood is a bit strange by putting the belt clip on the battery, but if the latch mechanism fails, i guess the battery is safe.....
> fixed the VX5 by buying a motorola belt clip and modifying the back of it to mate with the radio. unfurtunately, i dont knwo what options are available for kenwoods.....maybe attatch a "leash" to the radio and to your belt, radio tumbles, it won't hit the ground.....although i think that idea may have made it to the SIG earlier
>
> At 01:26 PM 9/20/2001 -0500, Scott - KD5MHM wrote:
>
> > Doc,
> > BEEN THERE, TRIED THAT! Expect failure. Here's why:
> >
> > I have 3 sets of batteries for my Kenwood. ALL my Kenwood batteries have had the battery housing crack using the belt clip and dumped my HT onto the ground. I am unable to safely use the belt clip at all. All my new Kenwood's case damage (scratches on my display face making it hard to read, nasty scratches on the case, etc) are the result of this POORLY DESIGNED battery belt clip mount.
> >
> > I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of these failures if interested.
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> > At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send them in on warranty, perhaps they'll replace the batteries...". Personally I think that a redesign is in order.
> >
> > Currently, I'm looking at a skinny 'wedge' (steel?) that would go between the battery and radio, extend the power contacts and provide a 'seriously strong' hand-strap, bnc and belt clip mounting method...
> >
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> >
> > From: "edoc" <kd4e@arrl.net>
> > > I acquired two of the rubber booted SMA-BNC adapters a while back.
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   //
  //   Kenneth R. Cechura, KC9UMR   //
 //   kcechura@umr.edu   //
//   Station Manager, W0EEE   //
// University of Missouri-Rolla Amateur Radio Club //
//

58. [htaprs] Re: Battery Design was SMA - BNC Adapter.

From: "lloyd mitchell" <lloydm75@hotmail.com>
Date: Fri, 21 Sep 2001 07:49:36 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37517-2001.09.21-07.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I too had a battery clip fail... in the worst time. I was up on a top of a truck about 14 ft above a concrete pad. The clip failed the d7 landed right on the bottom corner of the radio and cracked the metal plate on the back of the radio! The little lip for securing the battery was never found so I now have a nice, albeit dinged,scratched,scarred little 5 watt base radio w/ tnc! Its out of warrantry and I for one wont pay to repair that design

Lloyd

----Original Message Follows----
From: "Chris Rose" <kb8uih@arrl.net>
Reply-To: "Chris Rose" <kb8uih@arrl.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Subject: [htaprs] re: SMA - BNC Adapter.
Date: Thu, 20 Sep 2001 22:58:41 -0400

I like the leash idea. Many years ago when I got my first boat anchor HT (Radio Shack HTX 202) I put a small key ring on the end of the lanyard and cliped it to my belt with a product called a "Key Safe" that you clipped key rings to on your belt. They were available at a neighborhood lock shop. It also deterred someone from grabbing your ht in a crowded environment such as sporting events, etc., such as a purse snatcher would do--grab and run.

Chris
KB8UIH

   ----- Original Message -----
   From: Ken Cechura
   To: TAPR Hot Technology APRS
   Sent: Thursday, September 20, 2001 2:33 PM
   Subject: [htaprs] re: SMA - BNC Adapter.

   looks like this is an almost industry wide problem....bad belt clips. had an ADI AT 600 a few years ago that still had a metal belt clip.....darned good radio, but a bit large. got a yaesu VX-5....one of the worst designed belt clips i've ever seen. Kenwood is a bit strange by putting the belt clip on the battery, but if the latch mechanism fails, i guess the battery is safe.....
   fixed the VX5 by buying a motorola belt clip and modifying the back of it to mate with the radio. unfurtunately, i dont knwo what options are available for kenwoods.....maybe attatch a "leash" to the radio and to your belt, radio tumbles, it won't hit the ground.....although i think that idea may have made it to the SIG earlier

   At 01:26 PM 9/20/2001 -0500, Scott - KD5MHM wrote:

     Doc,
     BEEN THERE, TRIED THAT! Expect failure. Here's why:

I have 3 sets of batteries for my Kenwood. ALL my Kenwood batteries have had the battery housing crack using the belt clip and dumped my HT onto the ground. I am unable to safely use the belt clip at all. All my new Kenwood's case damage (scratches on my display face making it hard to read, nasty scratches on the case, etc) are the result of this POORLY DESIGNED battery belt clip mount.

I can provide 'close-up photos' (I love that Mattel/Intel USB microscope) of these failures if interested.

At HamCom in Arlington TX earlier this year, the Kenwood rep said, "Send them in on warranty, perhaps they'll replace the batteries...". Personally I think that a redesign is in order.

Currently, I'm looking at a skinny 'wedge' (steel?) that would go between the battery and radio, extend the power contacts and provide a 'seriously strong' hand-strap, bnc and belt clip mounting method...

Best wishes,
Scott

From: "edoc" <kd4e@arrl.net>
> I acquired two of the rubber booted SMA-BNC adapters a while back.
> One of them failed under moderate use and I lost use of my D7 for
> three weeks while they removed the sheared pin.
>
> I have an idea for a metal plate under the belt clip to which a right-
> angle BNC is welded ... from the base of that would run a short
> cable with a SMA on the other end ... up to the D7 connector. Any
> reason this wouldn't work? Sure would solve the mechanical failure
> problem of the adapter and connector!

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//
// Kenneth R. Cechura, KC9UMR //
// kcechura@umr.edu //
// Station Manager, W0EEE //
// University of Missouri-Rolla Amateur Radio Club //
//

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] Re: Battery Design was SMA - BNC Adapter.

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 21 Sep 2001 06:58:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37524-2001.09.21-07.22.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I, too, had a clip on my D7 fail. I ended up using JB Weld on it and it is now stronger than before. The replacement batteries from Batteries America and Maha (I am not associated with either, just a user) have clips on them. Might be good to have a longer life battery and use the

"broken" one as a spare.

Glad to hear that the D7 survived.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: lloyd mitchell [mailto:lloydm75@hotmail.com]
Posted At: Friday, September 21, 2001 6:52 AM
Subject: [htaprs] Re: Battery Design was SMA - BNC Adapter.

I too had a battery clip fail... in the worst time. I was up on a top of
a
truck about 14 ft above a concrete pad. The clip failed the d7 landed
right
on the bottom corner of the radio and cracked the metal plate on the
back of
the radio! The little lip for securing the battery was never found so I
now
have a nice, albeit dinged,scratched,scarred little 5 watt base radio w/

tnc! Its out of warrantry and I for one wont pay to repair that design

Lloyd

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] Re: fragile belt clip (was: SMA - BNC Adapter)

From: Skip Allison <sallison@megsinet.net>
Date: Fri, 21 Sep 2001 08:03:34 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37531-2001.09.21-08.32.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I assume you're refering to the D7 belt clip? It's a litte whimpy, but
I've seen worse. My Yaesu portable I had a few years ago hav a metal
belt clip, but it was screwed to a REALLY whimpy plastic back. Every
time I bumped my portable against something the clip cracked the back.
I used to keep a couple spare backs "in stock". If you get a portable
with a decent clip, they're great. I use the clip on my Motorola
portable all the time with no problem.

Skip
K9SA

> Rich Carter wrote:
>
> I don't recommend that anyone use a belt clip for anything other than
> a very occasional use. They are awkward to use, and most of them are
> unreliable. I use an HT very frequently, and find the pouch is the
> most comfortable way to go. I've removed the belt clip from most of
> my HTs. Removal makes them smaller and easier to put in a pouch.
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] Re: fragile belt clip (was: SMA - BNC Adapter)

From: "Rich Carter" <rich.carter@windriver.com>
Date: Fri, 21 Sep 2001 10:19:09 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37534-2001.09.21-09.43.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Very few of them are reliable. I have an old ICOM marine HT that has a
metal clip screwed into a metal case. I don't think the clip could fail,
but it is awkward to use. You need two hands to put it on your belt. It is

very awkward. I've taken the clips off my other HTs. The radios are
smaller without the clip protruding.

I use an HT frequently when operating a boat. My pouch has a velcro flap
that closes the top. With one hand, I can open the pouch and pull out the
HT. I probably do that a hundred times a day. I'd go nuts trying to clip
it to my belt. I'd probably wear out the belt. If you buy a pouch, make
sure that it isn't too tight. You want to be able to slide the radio into
the pouch with one hand.

Another problem with the clip is that it pushes the radio into your ribs.
The D7 has a pretty flimsy control knob on the tip. I can see breaking it
off if you hang it by the clip. Put it in a pouch where it is protected.

If you use your HT on rare occasions, like field day, or once a year when
camping, the clip is fine. If you use it frequenly, invest in a pouch.

regards
Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Skip Allison
Sent: Friday, September 21, 2001 9:04 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: fragile belt clip (was: SMA - BNC Adapter)

I assume you're refering to the D7 belt clip? It's a litte whimpy, but
I've seen worse. My Yaesu portable I had a few years ago hav a metal
belt clip, but it was screwed to a REALLY whimpy plastic back. Every
time I bumped my portable against something the clip cracked the back.
I used to keep a couple spare backs "in stock". If you get a portable
with a decent clip, they're great. I use the clip on my Motorola
portable all the time with no problem.

Skip
K9SA

> Rich Carter wrote:
>
> I don't recommend that anyone use a belt clip for anything other than
> a very occasional use. They are awkward to use, and most of them are
> unreliable. I use an HT very frequently, and find the pouch is the
> most comfortable way to go. I've removed the belt clip from most of
> my HTs. Removal makes them smaller and easier to put in a pouch.
>

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62. [htaprs] Re: Battery Design was SMA - BNC Adapter.

From: "Dean Carothers" <Dean@O2Aerial.com>
Date: Fri, 21 Sep 2001 09:54:03 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37538-2001.09.21-10.18.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 21 Sep 2001 06:58:13 -0500, AE5PL Lists wrote:

>I, too, had a clip on my D7 fail. I ended up using JB Weld on it and it
>is now stronger than before. The replacement batteries from Batteries
>America and Maha (I am not associated with either, just a user) have

The original D7 clip I have has worked fine but an after market W&W brand battery's
clip failed on the second use. I sent it back and they eventually returned the battery
with a note that the clip worked as intended. Dumping a 400 buck radio on the ground
is a poor design goal for a belt clip in my view.....Dean

If your photos are not good enough you are not
close enough. - Robert Capa

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63. [htaprs] re: SMA - BNC Adapter.

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Fri, 21 Sep 2001 21:21:32 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37637-2001.09.21-15.46.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer <sparkfel@qwest.net> wrote:-

> Again the connector on the eMap had to be chosen with other design considerations. Garmin has been using this little MCX connector for a long time now. Even the first 12XL's had them. A svelte package like the eMap would look pretty funny sprouting a BNC, NMO, or N connector, now wouldn't it? Also consider the fact that BNC connectors are not really designed for frequencies above 1.5 GHz (if memory serves me correctly).

I think you have missed the main point Mark. Both Kenwood and Garmin have changed from a very practical connector (which happens to be BNC) to one (whatever it may be) that is causing problems for users.

As you say a BNC is large for an eMap but the one used cannot be disconnected, without a special tool, without causing damage to the thin co-ax.

The number of postings reporting problems with Kenwood's connector choice, confirms it's unsuitability.

Both companies could have designed a better connector if one did not already exist.
--
Alan Morris, G4ENS
Somewhere in Kent.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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64. [htaprs] re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 21 Sep 2001 17:49:20 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37665-2001.09.21-18.14.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:21 PM 9/21/01, Alan Morris G4ENS wrote:
>Mark Fellhauer <sparkfel@qwest.net> wrote:-
>
>
>I think you have missed the main point Mark. Both Kenwood and Garmin have
>changed from a very practical connector (which happens to be BNC) to one
>(whatever it may be) that is causing problems for users.

No, didn't miss the point. The MCX connector has been used by Garmin as long - if not longer than BNC. The didn't CHANGE. You bought a GPS receiver with a different external antenna connector. And as I said Garmin has been using the MCX connector as long as they've been making civilian GPS receivers. Again, BNC is not really desingned for frequencies as high as those used by GPS transmitters...

>As you say a BNC is large for an eMap but the one used cannot be
>disconnected, without a special tool, without causing damage to the thin co-ax.

Tool? Hmmm... I use my fingers to remove Garmin MCX connectors. No tool required. Owned both a 12XL and an eMap. Remove by pulling on the brass

part, and not the cable...

>The number of postings reporting problems with Kenwood's connector choice,
>confirms it's unsuitability.
>
>Both companies could have designed a better connector if one did not
>already exist.

Now you've missed the point. Design considerations mean using
off-the-shelf components to meet a price point. Anyone who has ever worked
with RF engineers should know that designing a new connector (and getting
industry-wide acceptance) is no small feat.

It comes down to the fact that no matter what a manufacturer does, there
will be a group of people to bellyache about a product.

73,

Mark
KC7BXS

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65. [htaprs] usa flag icon

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 22 Sep 2001 14:14:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37839-2001.09.22-16.37.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey i thought the suggestion of the flag icon was a good idea.

i sure don't know how to build the file, but if someone couuld make the
file and have it available on the tapr site only, or on a site that the
only way you would know about it is to go to the aprs sig group or tapr.

73

click on this link to find me   http://map.findu.com/kd8s-7

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66. [htaprs] re: SMA - BNC Adapter.

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Sat, 22 Sep 2001 23:22:46 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37871-2001.09.22-17.47.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer <sparkfel@qwest.net> wrote:-

>> As you say a BNC is large for an eMap but the one used cannot be disconnected, without a special
tool, without causing damage to the thin co-ax.

> Tool? Hmmm... I use my fingers to remove Garmin MCX connectors. No tool required.   Owned both a
12XL and an eMap.   Remove by pulling on the brass part, and not the cable...

Maybe my eMap / antenna is tighter than normal, as it can not be removed by only fingers.

> Now you've missed the point. Design considerations mean using off-the-shelf components to meet a
price point.

Agreed, but not with the problems to users caused by Kenwood's choice.

> Anyone who has ever worked with RF engineers should know that designing a new connector (and getting

industry-wide acceptance) is no small feat.

Errrr. Over 30 years ago, I was a design engineer working for a USA microwave company, here in the UK.
  Some of my designs had NATO part numbers. I worked with frequencies from about 300Mz to 12Ghz, using connectors at many frequencies between.

> It comes down to the fact that no matter what a manufacturer does, there will be a group of people to bellyache about a product

Again I agree, but the length of this thread - SMA - BNC - would suggest that Kenwood got it wrong.

I could make similar comments about Psion's design of their Series 5 PDA, when users (myself included) of older Series 3 PDAs complained. Here Psion have addressed some of the complaints with a later model and I still use Psion products. The one used to type and sent this is only a month old.

Maybe Kenwood will change their design in a future model, as a result of customers' complaints.
--
Alan Morris, G4ENS
Somewhere in Kent.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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67. [htaprs] Psion -- Linux & APRS

From: "edoc" <kd4e@arrl.net>
Date: Sat, 22 Sep 2001 19:23:58 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37877-2001.09.22-18.48.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I could make similar comments about Psion's design of their Series 5 PDA,
> when users (myself included) of older Series 3 PDAs complained. Here
> Psion have addressed some of the complaints with a later model and I still
> use Psion products. The one used to type and sent this is only a month
old.
>
> Alan Morris, G4ENS
> Somewhere in Kent.
> No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

Alan,

   I could use your experienced perspective, please?

   I am interested in a Psion/Diamond Mako for emergency communications
purposes but am concerned that it may not handle the following:

Linux OS
Linux-APRS
Linux-Packet
Linux-PSK31
Linux-Rig Control (for FT-817)
Linux-Word Processing
Linux-Networking to my home network
Linux-Small Database
Linux-E-Mail & Web Browsing

   Am I stuck with the proprietary OS or may Linux be loaded on these neat
little things?

   Have you tried Ham-related apps on yours using any OS, Linux, the
proprietary
OS, etc.?

   These things are showing up for $99. here and sure are nice an compact!
Plus
they have keyboards! :-)

Thanks! & 73, Doc KD4E ARRL-WCF-SEC/PIO

~~~~~~

~~~~~~

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sat, 22 Sep 2001 20:22:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37905-2001.09.22-20.48.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:22 PM 9/22/01, Alan Morris G4ENS wrote:

> > Anyone who has ever worked with RF engineers should know that designing
> a new connector (and getting industry-wide acceptance) is no small feat.
>
>Errrr. Over 30 years ago, I was a design engineer working for a USA
>microwave company, here in the UK. Some of my designs had NATO part
>numbers. I worked with frequencies from about 300Mz to 12Ghz, using
>connectors at many frequencies between.

Then you should know...

And then if Garmin and/or Kenwood did design their own connector, people
would complain that they did it to enhance their revenue stream...and to
lock out 3rd party accessories.

> > It comes down to the fact that no matter what a manufacturer does,
> there will be a group of people to bellyache about a product
>
>Again I agree, but the length of this thread - SMA - BNC - would suggest
>that Kenwood got it wrong.

I have also seen several people on this SIG complain about BNC
connectors. I have had them fail too. My Bearcat BC-200XLT scanner BNC
connector failed and I had to install a new one. A few weeks later I
replaced one for a friend on the same model of scanner.

>I could make similar comments about Psion's design of their Series 5 PDA,
>when users (myself included) of older Series 3 PDAs complained. Here
>Psion have addressed some of the complaints with a later model and I still
>use Psion products. The one used to type and sent this is only a month old.

I heard they're out of the PDA Biz completely...

http://www.psionpress.com/gpress/releases/pr507018.asp

>Maybe Kenwood will change their design in a future model, as a result of
>customers' complaints.

I dunno if it'll be in regards to complaints.   HT features, like bicycle
components, seem to come and go in fads.   I can't think of another
smallish connector that meets the needs and design requirements of today's
pint sized HT's.

Mark
KC7BXS

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69. [htaprs] Palm control of D7/D700

From: "Chris Schwab" <1schwab1@tampabay.rr.com>
Date: Sat, 22 Sep 2001 21:52:25 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-37914-2001.09.22-21.18.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All:

I've finally broken down & purchased a Palm Pilot. I've found PalmAPRS, and
have started playing with it - Great program!

But what I'm really looking for is a program that allow you to control
either the D7 or D700 - Is there such a program for the Palm OS platform?
I've tried searching the internet with no luck.

73,
Chris N4BSA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: Palm control of D7/D700

From: Randy Allen KAØAZS <ka0azs@commkey.net>
Date: Sun, 23 Sep 2001 08:54:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-37991-2001.09.23-08.18.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I haven't been able to find anything. If you do, please let us know!

Chris Schwab wrote:
>
> All:
>
> I've finally broken down & purchased a Palm Pilot. I've found PalmAPRS, >and have started playing with
 it - Great program!
>
> But what I'm really looking for is a program that allow you to control
> either the D7 or D700 - Is there such a program for the Palm OS Platform?
> I've tried searching the internet with no luck.
>
> 73,
> Chris N4BSA
>
--
Randy Allen, KAØAZS
Asst. EC Montgomery CO Ohio
OH Dist. 3 ARES Web Page:
http://www.qsl.net/ohd3ares/

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] RE: Palm control of D7/D700

From: "Kent Hufford" <khufford@erols.com>
Date: Sun, 23 Sep 2001 14:25:41 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38011-2001.09.23-10.49.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This is the best link to Palm software for HAMs.

They have a control program for the FT-817, that was fast.

http://www.qsl.net/va3pkh/palm-ham.html

Kent
KQ4KK

-----Original Message-----
From: bounce-htaprs-3650@lists.tapr.org
[mailto:bounce-htaprs-3650@lists.tapr.org]On Behalf Of Chris Schwab
Sent: Sunday, September 23, 2001 1:52 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Palm control of D7/D700

All:

I've finally broken down & purchased a Palm Pilot. I've found PalmAPRS, and
have started playing with it - Great program!

But what I'm really looking for is a program that allow you to control
either the D7 or D700 - Is there such a program for the Palm OS platform?

I've tried searching the internet with no luck.

73,
Chris N4BSA

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72. [htaprs] Question about PCsat

From: "Espen Leiksett" <espen.leiksett@stortinget.no>
Date: Mon, 24 Sep 2001 3:47:53
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38127-2001.09.24-04.12.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have i understood it right that PCsat will sent its position beacon only on
144.39 and NOT on 145.825?. Since i live in Norway it would be really nice
to know whwn the bird is in range, because i am out range of the local APRS
network 99.99% of the time.

Regards
Espen Leiksett
LC3ZBT
espen.leiksett@stortinget.no

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] re: SMA - BNC Adapter.

From: "Rich Carter" <rich.carter@windriver.com>
Date: Mon, 24 Sep 2001 08:54:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38151-2001.09.24-08.18.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm not sure that I agree with your comment. I suspect that there is no
better connector than the SMA. As I posted earlier, I've worked on some
very expensive commercial equipment that uses SMA connectors exclusively.
The SMA was chosen for its reliability. The problem is not the connector
used on the radio, but rather the mating connector on the antenna. The SMA
was not designed to have the center conductor rotate during insertion or
extraction. We need a replacement antenna that has a proper SMA connector.

Maybe the life of the connector could be extended if some kind of lubricant
could be used on it. Does anyone know of a lubricant that might work in
this application?

Rich Carter - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Alan Morris
G4ENS
Sent: Friday, September 21, 2001 5:22 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] re: SMA - BNC Adapter.

Mark Fellhauer <sparkfel@qwest.net> wrote:-

> Again the connector on the eMap had to be chosen with other design
considerations. Garmin has been using this little MCX connector for a long
time now. Even the first 12XL's had them.   A svelte package like the eMap
would look pretty funny sprouting a BNC, NMO, or N connector, now wouldn't
it? Also consider the fact that BNC connectors are not really designed for
frequencies above 1.5 GHz (if memory serves me correctly).

I think you have missed the main point Mark. Both Kenwood and Garmin have

changed from a very practical connector (which happens to be BNC) to one
(whatever it may be) that is causing problems for users.

As you say a BNC is large for an eMap but the one used cannot be
disconnected, without a special tool, without causing damage to the thin
co-ax.

The number of postings reporting problems with Kenwood's connector choice,
confirms it's unsuitability.

Both companies could have designed a better connector if one did not already
exist.
--
Alan Morris, G4ENS
Somewhere in Kent.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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74. [htaprs] Re: Question about PCsat

From: Bob Bruninga <bruninga@usna.edu>
Date: Mon, 24 Sep 2001 09:19:37 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38154-2001.09.24-08.44.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 24 Sep 2001, Espen Leiksett wrote:

> Have i understood it right that PCsat will sent its position beacon only on
> 144.39 and NOT on 145.825?. Since i live in Norway it would be really nice
> to know whwn the bird is in range, because i am out range of the local APRS
> network 99.99% of the time.

When the GPS is on, it will send its position using NMEA string on
145.825. But the GPS is power hungry. It may be off most of the time.
But the simple soolution is to do what we do here in the USA for ISS,
simply have someone in Europe run an old DOS PC hooked to a TNC and radio
runnning APRStk.

APRStk will generate pseudo GPS reports for PCsat and digipeat them via
PCsat for downlink on 145.825. Thus everyone will see the moving position
report even though it was generated on the ground...

See http://www.ew.usna.edu/~bruninga/satinfo.html

de WB4APR, Bob

>
> Regards
> Espen Leiksett
> LC3ZBT
> espen.leiksett@stortinget.no
>
> ---
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>

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
PCsat Design   http://www.ew.usna.edu/~bruninga/pcsat.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html

APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
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75. [htaprs] re: SMA - BNC Adapter.

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Mon, 24 Sep 2001 21:25:36 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38226-2001.09.24-15.50.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer <sparkfel@qwest.net> wrote:-

> No, didn't miss the point. The MCX connector has been used by Garmin ..... Again, BNC is not really desingned for frequencies as high as those used by GPS transmitters...

Mark you have given me a bit of flak about my comments, but may I suggest that you get your facts correct as those using BNC connectors in other equipment may be concerned.

The BNC connector is (in it's 50 ohm version) designed for use up to 4GHz - much higher than GPS receiver frequencies. This is for Greenpar and AMP Silver Plated versions.

Interestingly, the MCX is only designed for use up to 3GHz - a quarter less than the BNC.

Garmin or Kenwood could have used the Miniature BNC, although smaller and designed for use up to 4GHz. However I do not know how rugged they are compared to standard BNC as I've not used them as much.

Specifications taken from the RS Components catalogue. (A UK company - not Radio Shack)
--
Alan Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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76. [htaprs] Re: Psion -- Linux & APRS

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Mon, 24 Sep 2001 21:26:02 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38227-2001.09.24-15.51.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"edoc" <kd4e@arrl.net> wrote:-

> I could use your experienced perspective, please?

> I am interested in a Psion/Diamond Mako for emergency communications purposes but am concerned that it may not handle the following:

Linux ....

> Am I stuck with the proprietary OS or may Linux be loaded on these neat little things?

> Have you tried Ham-related apps on yours using any OS, Linux, the proprietary OS, etc.?

Yes, a number of ham apps and those using a connected GPS - mapping and backing-up.

These $99 Psions are similar to the Psion 5mx I am now typing on, but are slightly smaller and have less memory. I have 16Mb for system memory and drive C: combined and an extra 128Mb for the removable drive D:.

But unlike Palms, they do have a very good keyboard.

Unfortunatly for you Linux is not possible (although some have played with Linux on Psion's netBook).

I would question if you would need Linux as EPOC (the Psion OS) is very good and it's NOT windows.

I'll also e-mail direct with more personal details about Psions.
--
Alan Morris, G4ENS.

Bury St Edmunds, Suffolk, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb

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77. [htaprs] Re: Newbie question

From: Matt Meola <af0d@qsl.net>
Date: Mon, 28 May 2001 16:15:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38290-2001.09.24-20.54.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Sun, May 27, 2001 at 08:23:38PM -0400, Bob Bruninga wrote:
> On Sun, 27 May 2001, Gregg G. Wonderly wrote:
>
> > Remember that a 1/2 wave length antenna does not need a ground plane to be
> > more effective. Also, a j-Pole requires no ground plane and delivers 6db
> > gain...
>
> This caught my eye. How? Its a vertical Dipole. Thus a gain of 0 dBd...
> or slightly over 2 dBi? Or am I missing something?

A J-pole models at about 3Dbi. It has a very slight squeezing of the lobe
in the direction of the quarter-wave stub.

--
Matt Meola   AFØD
af0d@qsl.net   ARES CO D. 6 AEC   http://www.qsl.net/af0d

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78. [htaprs] Re: Psion -- Linux & APRS

From: Ben Woodard <ben@zork.net>
Date: Mon, 24 Sep 2001 18:41:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-38291-2001.09.24-21.06.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

One thing that I've been considering is a Toshiba Libretto 50CT. You can
pick them up on ebay pretty cheap and they are a fairly full function
laptop that runs linux.

-ben

begin Alan Morris G4ENS quotation:
> "edoc" <kd4e@arrl.net> wrote:-
>
> > I could use your experienced perspective, please?
>
> > I am interested in a Psion/Diamond Mako for emergency communications purposes but am concerned that
it may not handle the following:
>
> Linux ....
>
> > Am I stuck with the proprietary OS or may Linux be loaded on these neat little things?
>
> > Have you tried Ham-related apps on yours using any OS, Linux, the proprietary OS, etc.?
>
> Yes, a number of ham apps and those using a connected GPS - mapping and backing-up.
>
> These $99 Psions are similar to the Psion 5mx I am now typing on, but are slightly smaller and have
less memory. I have 16Mb for system memory and drive C: combined and an extra 128Mb for the removable
drive D:.
>
> But unlike Palms, they do have a very good keyboard.
>
> Unfortunatly for you Linux is not possible (although some have played with Linux on Psion's netBook).
>
> I would question if you would need Linux as EPOC (the Psion OS) is very good and it's NOT windows.

>
> I'll also e-mail direct with more personal details about Psions.
> --
> Alan Morris, G4ENS.
> Bury St Edmunds, Suffolk, UK.
> No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb
>
>
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79. [htaprs] D700 questions

From: Ken Cechura <kcechura@umr.edu>
Date: Mon, 24 Sep 2001 21:15:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38296-2001.09.24-21.44.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My roommate wantsa to get a D700, but first, he has some questions,
hopefully someone can answer some of them....

First, how fast does it scan between memories, and also just doing a
band-scan? (how many 5kHz(or smallest step size) steps per second?) (and
channels per second)

Second, how well does the crossband repeater function work (I believe it
has one)? (does it have some audio issues, etc.)

Thanks..

      //
     //   Kenneth R. Cechura, KC9UMR   //
    //   kcechura@umr.edu   //
   //   Station Manager, W0EEE   //
  // University of Missouri-Rolla Amateur Radio Club //
//

80. [htaprs] re: SMA - BNC Adapter.

From: Skip Allison <sallison@megsinet.net>
Date: Mon, 24 Sep 2001 21:25:42 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38298-2001.09.24-21.54.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Rich Carter wrote:
> used on the radio, but rather the mating connector on the antenna. The SMA
> was not designed to have the center conductor rotate during insertion or
> extraction. We need a replacement antenna that has a proper SMA connector.

Or maybe you could just quit taking the connector on and off the radio.
I've
had no trouble with mine. I think I've taken the antenna off a dozen
times
in the last year I've had the radio.

Skip
K9SA

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81. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 24 Sep 2001 21:45:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38302-2001.09.24-22.10.32--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

At 07:54 AM 9/24/01, Rich Carter wrote:

>I'm not sure that I agree with your comment. I suspect that there is no
>better connector than the SMA.

I don't believe I said that. In fact, I said I can't think of a better
off-the-shelf connector for today's pint-sized HT's.

The MCX connector used on all (?) Garmin handheld GPS receivers with a
built-in patch antenna meets the requirements of that product. Very small,
resonably priced, available in quantity, fairly reliable.

>As I posted earlier, I've worked on some
>very expensive commercial equipment that uses SMA connectors exclusively.
>The SMA was chosen for its reliability.

And I would agree. I've worked for several electronic/avionic/RF firms
that use this connector almost exclusively.

>The problem is not the connector
>used on the radio, but rather the mating connector on the antenna. The SMA
>was not designed to have the center conductor rotate during insertion or
>extraction. We need a replacement antenna that has a proper SMA connector.

I think many of the concerns are based on the "low" duty cycle of the SMA
connector - 500 insertions. And again, no disagreement on the rotation part...

>Maybe the life of the connector could be extended if some kind of lubricant
>could be used on it. Does anyone know of a lubricant that might work in
>this application?

Agreed. A foam swab dipped in IPA to clean out any metal fines every now
and then is a good idea too.

73,

Mark
KC7BXS

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82. [htaprs] Re: D700 questions

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 24 Sep 2001 19:46:45 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38303-2001.09.24-22.11.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 24 Sep 2001, Ken Cechura wrote:

> Second, how well does the crossband repeater function work (I believe it
> has one)? (does it have some audio issues, etc.)

It works well, but it does have issues. For example, when the TOT kicks in
-- which it can do on a busy repeater where the repeater does not drop
carrier long enough for the D700 to reset -- the cross-band repeater does
not reset itself (you have to do it manually, which could be inconvenient
if the D700 is located some distance away). Also, I've received reports
that the audio from a D7 through the D700 (in cross-band repeater mode)
sounds somewhat muffled, whereas the audio from the same D7 through a
different radio receives excellent audio reports.

Julian

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83. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 24 Sep 2001 22:14:24 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38307-2001.09.24-22.39.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:25 PM 9/24/01, Alan Morris G4ENS wrote:

>Mark you have given me a bit of flak about my comments, but may I suggest
>that you get your facts correct as those using BNC connectors in other
>equipment may be concerned.

And I'm gonna give you some more flak...

>The BNC connector is (in it's 50 ohm version) designed for use up to 4GHz
>- much higher than GPS receiver frequencies. This is for Greenpar and AMP
>Silver Plated versions.

And at what cost? Yup, I've also found N connectors rated for frequencies higher than normal. But they have a very low rated duty cycle and cost $96 each as compared to $17 for the standard clamp model.   I would bet the same is true for 4 GHz BNC connectors.   I have seen tests run on BNC connectors after several dozen insertions...

>Garmin or Kenwood could have used the Miniature BNC, although smaller and
>designed for use up to 4GHz. However I do not know how rugged they are
>compared to standard BNC as I've not used them as much.

And they're expensive and scarce as Hen's Teeth. I've used mini-TNC's in the past...

>Alan Morris, G4ENS.
>Bury St Edmunds, Suffolk, UK.

I am very pleased with the UK right now. Although it's not being reported by ANY U.S. news sources, the British SAS is on the ground and moving deep in Afghanistan and taking fire (since Friday). MI6 knows where bin Laden is (they've been monitoring his illicit drug trafficking since 1999).   You guys kick butt. :)

God bless the Brits!

73,

Mark
KC7BXS

When you're wounded and left,
On Afghanistan's plains,
And the women come out,
To cut up your remains,
Just roll on your rifle,
And blow out your brains,
And go to your Gawd,
Like a soldier.

Rudyard Kipling

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84. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Mon, 24 Sep 2001 22:30:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38315-2001.09.24-22.55.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:25 PM 9/24/01, Skip Allison wrote:

>Or maybe you could just quit taking the connector on and off the radio.
>I've
>had no trouble with mine. I think I've taken the antenna off a dozen
>times
>in the last year I've had the radio.

Don't be so hard on people... ;)

Unfortunately, some Hams try to make their HT an entire amateur radio
station solution, and therefore end up swapping the antenna 3 or 4 times
(or more) a day.   At that rate they WILL wear out the connector in less
than a year.   Some people find that unacceptable. But hey, if you wore
the same pair of shoes (and only that pair) day in and day out, they'd look
pretty bad after a few months too...and you'd probably have to replace the
soles (does anyone do that anymore?) every 8 to 12 months.

73,

Mark
KC7BXS

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85. [htaprs] Re: SMA - BNC Adapter.

From: Ken Cechura <kcechura@umr.edu>
Date: Mon, 24 Sep 2001 22:33:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38316-2001.09.24-23.02.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I wore the same pair of boots for four years.... took 3 before they were
in bad shape.....

now to the radio point: Yaesu VX5, (my radio of choice, unfortunately, no
built in TNC) i take the antenna off on a regular basis (maybe once a day,
if you average it all out, I do a fair bit of testing of other antennas,
the stock antenna is too long..... pokes me in the ribs at work) and i've
never had any problems with it.....

At 10:30 PM 9/24/2001 -0500, you wrote:
>At 09:25 PM 9/24/01, Skip Allison wrote:
>
>>Or maybe you could just quit taking the connector on and off the radio.
>>I've
>>had no trouble with mine. I think I've taken the antenna off a dozen
>>times
>>in the last year I've had the radio.
>
>Don't be so hard on people... ;)
>
>Unfortunately, some Hams try to make their HT an entire amateur radio
>station solution, and therefore end up swapping the antenna 3 or 4 times
>(or more) a day.   At that rate they WILL wear out the connector in less
>than a year.   Some people find that unacceptable. But hey, if you wore
>the same pair of shoes (and only that pair) day in and day out, they'd
>look pretty bad after a few months too...and you'd probably have to
>replace the soles (does anyone do that anymore?) every 8 to 12 months.
>
>73,
>
>Mark
>KC7BXS
>
>
>---
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>

      //
     //   Kenneth R. Cechura, KC9UMR   //
    //   kcechura@umr.edu   //

```
   //           Station Manager, W0EEE                 //
  // University of Missouri-Rolla Amateur Radio Club  //
//////////////////////////////////////////////////////
```

86. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Tue, 25 Sep 2001 01:45:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38344-2001.09.25-02.11.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:33 PM 9/24/01, Ken Cechura wrote:

>I wore the same pair of boots for four years.... took 3 before they were
>in bad shape.....

Notice I said "shoes" - Boots are designed for heavier duty use. Apples
and Oranges.   That's like comparing a Freightliner Semi to a Ford
Fiesta. I have a pair of Timberland shoes that are now 20 years old...but
I don't wear them on a daily basis and I've taken good care of them.

At 11:07 PM 9/24/01, Julian Frost wrote:

>Where did you hear this, Mark?
>
>Julian

Julian, I typed up a nice response for you, but here's what I got:

Hi. This is the qmail-send program at sxflpop1.sxfl.uswest.net.
I'm afraid I wasn't able to deliver your message to the following addresses.
This is a permanent error; I've given up. Sorry it didn't work out.

<jfrost@eclectic.ss.uci.edu>:
Connected to 128.200.138.10 but sender was rejected.
Remote host said: 550 5.0.0 Access denied

If you send me an alternate email address I will send you my response. Not
really topical to APRS. ;)

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87. [htaprs] Low cost GPS

From: "Marco Bombelli IK2CHZ" <ik2chz@libero.it>
Date: Tue, 25 Sep 2001 10:56:25 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38346-2001.09.25-04.21.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all.

I'm looking for a low cost GPS module to connect to my Tiny Trak.
I found a 75 $ GPS at www.laipac.com , anything better ?

Many thanks in advance.

```
-----------------------------------------
Marco Bombelli IK2CHZ - K2CHZ
Crema (CR)
mailto: ik2chz@libero.it
http://digilander.iol.it/ik2chz
ARI - ARRL - GAL member
-----------------------------------------
```

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88. [htaprs] Re: Low cost GPS

From: Walter Dunckel <walter@radiohound.com>
Date: Tue, 25 Sep 2001 06:00:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38369-2001.09.25-08.21.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It looks like you still have to purchase an antenna after you've paid $75.
You could pick up a magellan, or garmin low end receiver for about the
price of that and the antenna. The cheapest GPS that I have seen can be
purchassed as low as $30 plus shipping off of Ebay. They are the rand
mcnally GPS's for the Palm III. These can be modified for use in RS-232
applications. Check out http://www.radiohound.com/randgps.htm , and search
gps and palm on ebay.

This receiver does not include a backup battery to store the last fix, so
it does take longer to get an initial fix. But it is a high quality 12
channel receiver.

Walter
www.radiohound.com

Marco Bombelli IK2CHZ wrote:

> Hi all.
>
> I'm looking for a low cost GPS module to connect to my Tiny Trak.
> I found a 75 $ GPS at www.laipac.com , anything better ?
>
> Many thanks in advance.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

89. [htaprs] concerto

From: "Aresta Engenharia Ltda" <aresta.eng@ig.com.br>
Date: Tue, 25 Sep 2001 11:28:07 -0300
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38399-2001.09.25-10.13.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

CONCERTO
ORQUESTRA DE CÂMARA DA UNIVERSIDADE DE SÃO PAULO

CORAL DO DEPARTAMENTO DE MÚSICA DA ECA

W. A. Mozart - Concerto n° 23 em Lá Maior, para piano a orquestra

Solista: Vanessa Nonis

F . Schubert - Missa n° 2, em Sol Maior

Solistas: Caroline De Comi - soprano Maecio Gomes - tenor Diógenes Gomes - barítono
Regência: Mto. Gil Jardim
Coral da ECA: Mto. Marco Antonio da Silva Ramos
Dia: 30/09 domingo às llh
Local: Theatro São Pedro
R. Barra Funda, 171
Barra Funda - S.Paulo/SP
ENTRADA FRANCA
Comissão de Divulgação a Eventos do Depto. de Música da
ECA-USP - Informações: F. 3818-4680

90. [htaprs] Re: concerto

From: Walter Dunckel <walter@radiohound.com>
Date: Tue, 25 Sep 2001 15:16:24 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38501-2001.09.25-17.38.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The concert sounds interesting but it looks like it is too far away for
me to get to. It is almost interesting enough for me to book the trip
... just to see how hand held aprs will be used in the concert. Perhaps
a few packet bursts in D major? Please let us in on this.

Thanks,

Walter

Aresta Engenharia Ltda wrote:

> CONCERTO<?xml:namespace prefix = o ns =
> "urn:schemas-microsoft-com:office:office" />
>
>   ORQUESTRA DE CÂMARA DA UNIVERSIDADE DE SÃO PAULO
>
>   CORAL DO DEPARTAMENTO DE MÚSICA DA ECA
>
>   W. A. Mozart? Concerto n° 23 em Lá Maior, para piano a orquestra
>
>   Solista: Vanessa Nonis
>
>   F . Schubert ? Missa n° 2, em Sol Maior
>
> Solistas: Caroline De Comi ? soprano Maecio Gomes ? tenor Diógenes
> Gomes ? barítono
>
> Regência: Mto. Gil Jardim
>
> Coral da ECA: Mto. Marco Antonio da Silva Ramos
>

91. [htaprs] D700 Voice contest

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Tue, 25 Sep 2001 18:24:52 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38504-2001.09.25-17.50.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anybody ever found the results from the
Kenwood D700 Voice Synthesizer contest that was to be
held at the 2000 DCC?

I just upgraded to the voice chip, (I was getting bored with my
old toys, so I need new features), and was looking for some
interesting things to do with it.

I had hoped somebody would have put the results on the web,
but I have not found them in 2 evenings of searches.

73

Ed N3SDO

Ed Bathgate   MFG Engineering Technician ASX-4000 line.
Bldg 4. (724) 742-6575   Marconi Networks Pittsburgh PA USA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

92. [htaprs] re: SMA - BNC Adapter.

From: pbclark1@attglobal.net
Date: Tue, 25 Sep 2001 16:41:41 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38520-2001.09.25-19.11.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some of us have a need to remove the antenna frequently. That is why it
is removable in the first place. I've never had problems with radios
with BNC connectors.

Phil   KD6SP

Skip Allison wrote:

> Rich Carter wrote:
> > used on the radio, but rather the mating connector on the antenna.
> The SMA
> > was not designed to have the center conductor rotate during
> insertion or

> > extraction. We need a replacement antenna that has a proper SMA
> connector.
>
> Or maybe you could just quit taking the connector on and off the
> radio.
> I've
> had no trouble with mine. I think I've taken the antenna off a dozen
> times
> in the last year I've had the radio.
>
> Skip
> K9SA
>
> ---
> You are currently subscribed to htaprs as: pbclark1@attglobal.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator:
> wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

93. [htaprs] Re: D700 Voice contest

From: Bob Bruninga <bruninga@usna.edu>
Date: Tue, 25 Sep 2001 19:53:32 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38521-2001.09.25-19.18.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 25 Sep 2001, Bathgate, Ed wrote about his D700

> I just upgraded to the voice chip, (I was getting bored with my
> old toys, so I need new features), and was looking for some
> interesting things to do with it.

If you live in an area served by an APRSdata server, then just set your
COMMENT text to CUSTOM 1. Whenever a satellite comes in view, your radio
will speak "U O 1 4 High" or "medium" or "low" depending on its
elevation... See satinfo.html below

de WB4APR@amsat.org, Bob

APRSdata: http://www.ew.usna.edu/~bruninga/satinfo.html

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

94. [htaprs] TH-D7A(G): Can ya feed weather data into the GPS Port?

From: "Zachary Grant Michael, KB9UQQ" <kb9uqq_2000@yahoo.com>
Date: Tue, 25 Sep 2001 20:29:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38534-2001.09.25-20.54.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
I was thinking (whoa, scary thought :-)), since the TH-D7A(G)'s TNC has the GPS Head command in it, while in packet mode, could you put, say for a Peet Bros. Weather Station, $UTLW in one of the GPS Head's? (I think that's right for the Peet Bros. Correct me if I'm wrong.) I don't know if this has ever been thought of, but it would make an AWESOME Mobile/Portable Weather Station. I don't have a weather station, but am in the process of building the uWeather Micro Weather Station. If somebody has a D7, and a Peet Bros. weather station, give it a try, and report back to all of us if it works. All you would have to do, is hook your weather station to the GPS Port on the D7, and hook a computer up to the PC Port, put the D7 in TNC Packet Mode, and enter this: "GPS Head 1 $UTLW". That should make it transmit weather data. Cool!
73 de kb9uqq
Zachary Grant Michael, KB9UQQ
http://kb9uqq.d2g.com/

95. [htaprs] Re: SMA - BNC Adapter.

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Tue, 25 Sep 2001 21:33:40 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38552-2001.09.25-21.59.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 06:41 PM 9/25/01, pbclark1@attglobal.net wrote:

>Some of us have a need to remove the antenna frequently. That is why it
>is removable in the first place. I've never had problems with radios
>with BNC connectors.

And we conveniently forget the people who mention the problems with BNC connectors... People who have had them break (done that), dent (done that), de-plate or otherwise fall apart (done that). Not to mention the people who have lost expensive aftermarket antennas because BNC connectors loosen with age. Some of us who like to lay their HT's on their back with a right-angle antenna get very annoyed at the BNC antenna flop (not to be confused with the Fosbury Flop).

Every RF connector has some sort of shortcoming. Get over it. Buy an adapter. I know - "I'm afraid the adapter will lever and break the connector..." Waah. Don't use your antenna as a handle.

"My antenna pokes me in the ribs..." Uhhh. Lose weight? :) Figure out a different way to carry your HT? Get a fold-over antenna? Swivel-holster?

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

96. [htaprs] D7AG questions

From: Chris Nelson <n7elu@teleport.com>
Date: Tue, 25 Sep 2001 23:33:55 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38564-2001.09.25-22.56.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Hello Gentlemen

  Im making the switch from a external tnc to a D7AG and know I have read some one else's question about being in aprs mode and connecting a computer but can't find it. should should this work? Doesn't the computer assume the software functions that the radio does in aprs mode. I haven't had any luck using dos or windows aprs software with the radio in aprs mode .

Any help/pointers would be much appreciated :)

Chris
N7ELU

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

97. [htaprs] Re: [Chris Nelson] D7AG questions

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 26 Sep 2001 08:16:15 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38648-2001.09.26-08.41.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> Hello Gentlemen
>
> Im making the switch from a external tnc to a D7AG and know I have
>read some one else's question about being in aprs mode and connecting a
>computer but can't find it. should should this work? Doesn't the
>computer assume the software functions that the radio does in aprs mode.

>I haven't had any luck using dos or windows aprs software with the radio
>in aprs mode .

Make sure the TNC is in PACKET mode. When you push the TNC button on the
keypad, the TNC cycles between OFF, APRS and PACKET mode. Next, make sure
that you have send/recv data lines correctly connected. If you hook the radio
up to your computer, and run a terminal emulation program on the RS232 port
you cabled it to, you should see an initialization message come out on the
screen when you select PACKET mode with the TNC button. Once you see this
message, you know you have the correct recv data line connection. If you can
then type 'MYC' and hit return and see your 'MYCALL' setting output back to
you, you'll know that you have trans data correctly cabled.

Most people get recv/trans data backwards when just staring at the kenwood
docs.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

98. [htaprs] Re: D7AG questions

From: Walter Dunckel <walter@radiohound.com>
Date: Wed, 26 Sep 2001 06:28:40 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38650-2001.09.26-08.50.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

APRS mode is for stand alone APRS operation. TNC mode is what you will need
to connect to a program like WinAPRS or DosAPRS etc. .

APRS software writers would have to basically write a separate program to
allow their software to support the D7 in APRS mode. The commands that the
D7 accepts in APRS mode are very specialized. TNC mode allows complete
control from a computer, just like a standard TNC.

Hope this helps.

Walter

Chris Nelson wrote:

> > Hello Gentlemen
>
>   Im making the switch from a external tnc to a D7AG and know I have
> read some one else's question about being in aprs mode and connecting a
> computer but can't find it. should should this work? Doesn't the
> computer assume the software functions that the radio does in aprs mode.
> I haven't had any luck using dos or windows aprs software with the radio
> in aprs mode .
>
> Any help/pointers would be much appreciated :)
>
> Chris
> N7ELU
>
> ---
> You are currently subscribed to htaprs as: walter@radiohound.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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99. [htaprs] Re: D7AG questions

From: "Craig Brunson" <Brunson1@gte.net>
Date: Wed, 26 Sep 2001 06:41:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38654-2001.09.26-09.03.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Both the D7AG & the D700 will not allow both the radio and an external PC to
view APRS data at the same time. Many have e-mailed Kenwood & asked them to
put in a software 'switch' to allow the external PC port to 'monitor' the
aprs string, while using the radio display as primary send / receive source.
I use an external KPC3+, with the audio from the D700 to get around this. I
use the D700 front panel, with the compass rose to track balloons, and use
the PC to log the data. I occasionally look up the track on the PC.

We need to keep asking Kenwood for this feature in hopes that they will add
it to the next firmware upgrade.

Craig
N7TSZ

----- Original Message -----
From: "Chris Nelson" <n7elu@teleport.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Tuesday, September 25, 2001 8:33 PM
Subject: [htaprs] D7AG questions

> > Hello Gentlemen
>
>   Im making the switch from a external tnc to a D7AG and know I have
> read some one else's question about being in aprs mode and connecting a
> computer but can't find it. should should this work? Doesn't the
> computer assume the software functions that the radio does in aprs mode.
> I haven't had any luck using dos or windows aprs software with the radio
> in aprs mode .
>
> Any help/pointers would be much appreciated :)
>
> Chris
> N7ELU

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

100. [htaprs] Re: D7AG questions

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 26 Sep 2001 10:27:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38665-2001.09.26-09.52.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Plug your PC into the GPS port while in APRS mode. THere you will get a
copy of all positions (after being converted to WAYPOINT format)...
You can log these. Im not sure if it includes an echo of your own
position though... If not, then a simple DIODE to echo back your own GPS
data would do it...

bob
 On Wed, 26 Sep 2001, Craig Brunson wrote:

> Both the D7AG & the D700 will not allow both the radio and an external PC to
> view APRS data at the same time. Many have e-mailed Kenwood & asked them to
> put in a software 'switch' to allow the external PC port to 'monitor' the
> aprs string, while using the radio display as primary send / receive source.
> I use an external KPC3+, with the audio from the D700 to get around this. I
> use the D700 front panel, with the compass rose to track balloons, and use
> the PC to log the data. I occasionally look up the track on the PC.
>
> We need to keep asking Kenwood for this feature in hopes that they will add
> it to the next firmware upgrade.
>
> Craig
> N7TSZ

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101. [htaprs] Re: D7AG questions

From: Chris Nelson <n7elu@teleport.com>
Date: Wed, 26 Sep 2001 11:34:45 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38689-2001.09.26-10.58.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

Bob, am I wrong in assuming that you mean to splice
a diode between the gps-radio cable and the radio-computer cable so that
the computer receives the gps data directly?

Chris

Bob Bruninga wrote:

Plug your PC into the GPS port while in APRS mode. THere you will get a
copy of all positions (after being converted to WAYPOINT format)...
You can log these. Im not sure if it includes an echo of your own
position though... If not, then a simple DIODE to echo back your own GPS
data would do it...

bob
On Wed, 26 Sep 2001, Craig Brunson wrote:

Both the D7AG & the D700 will not allow both the radio and an external PC to
view APRS data at the same time. Many have e-mailed Kenwood & asked them to
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I use an external KPC3+, with the audio from the D700 to get around this. I
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the PC to log the data. I occasionally look up the track on the PC.

We need to keep asking Kenwood for this feature in hopes that they will add
it to the next firmware upgrade.

Craig
N7TSZ

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<mailto:leave-htaprs-845T@lists.tapr.org>
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

102. [htaprs] Re: D7AG questions

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 26 Sep 2001 11:42:49 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38692-2001.09.26-11.07.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 26 Sep 2001, Chris Nelson wrote:

> Bob, am I wrong in assuming that you mean to splice a diode between the
> gps-radio cable and the radio-computer cable so that the computer receives
> the gps data directly?

Thats what I was thinking... Both signals need to be diode-OREd to the PC
input with say 10k pull down resistors..

never tried it...

bob>
> Chris
>
> Bob Bruninga wrote:
>
> Plug your PC into the GPS port while in APRS mode. THere you will get a
> copy of all positions (after being converted to WAYPOINT format)...
> You can log these. Im not sure if it includes an echo of your own
> position though... If not, then a simple DIODE to echo back your own GPS

> data would do it...
> bob
> On Wed, 26 Sep 2001, Craig Brunson wrote:
>
> Both the D7AG & the D700 will not allow both the radio and an external PC to
> view APRS data at the same time. Many have e-mailed Kenwood & asked them to
> put in a software 'switch' to allow the external PC port to 'monitor' the
> aprs string, while using the radio display as primary send / receive source.
> I use an external KPC3+, with the audio from the D700 to get around this. I
> use the D700 front panel, with the compass rose to track balloons, and use
> the PC to log the data. I occasionally look up the track on the PC.
> We need to keep asking Kenwood for this feature in hopes that they will add
> it to the next firmware upgrade.
> Craig
> N7TSZ
>
> ---
> You are currently subscribed to htaprs as: n7elu@teleport.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>
> --- You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL To
> unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
PCsat Design   http://www.ew.usna.edu/~bruninga/pcsat.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

103. [htaprs] Julian Frost

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Wed, 26 Sep 2001 11:33:44 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38703-2001.09.26-11.59.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry Julian, it appears that your ISP is blocking direct email from
Qwest.net.   That's a lot of people to block.

I had a local ISP deliberately blocking email to and from bigfoot and
hotmail accounts. Go figure. Guess he didn't want to be in the biz all
that bad...

Mark

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

104. [htaprs] TH-D7A(G) bug fixed ?

From: "Marco Bombelli IK2CHZ" <ik2chz@libero.it>
Date: Wed, 26 Sep 2001 18:39:14 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38705-2001.09.26-12.04.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All.

I would like to buy a TH-D7A(G) to replace my TH-D7E.
The reason are two.
First for the many more functions of the A(G) vs E and for this I have all
the differences taken by the Kenwood site, secondly I don't want to pay any
more attention at the radio to see when it hangs up because it has received
long packets.

For this second reason I'm here to ask if in the A(G) version this bug is
100% fixed. In the second version of the E it is not.

many thaks in advance

Marco Bombelli IK2CHZ - K2CHZ
Crema (CR)
mailto: ik2chz@libero.it
http://digilander.iol.it/ik2chz
ARI - ARRL - GAL member

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

105. [htaprs] RE: TH-D7A(G) bug fixed ?

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Wed, 26 Sep 2001 12:27:55 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38712-2001.09.26-12.52.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Nope, not fixed. It also exists in the D700A. Kenwood has stated to me
that "they are not working on that problem".

Sorry.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Marco Bombelli IK2CHZ [mailto:ik2chz@libero.it]
Posted At: Wednesday, September 26, 2001 11:42 AM
Subject: [htaprs] TH-D7A(G) bug fixed ?

First for the many more functions of the A(G) vs E and for this I have
all
the differences taken by the Kenwood site, secondly I don't want to pay
any
more attention at the radio to see when it hangs up because it has
received
long packets.
For this second reason I'm here to ask if in the A(G) version this bug
is
100% fixed. In the second version of the E it is not.

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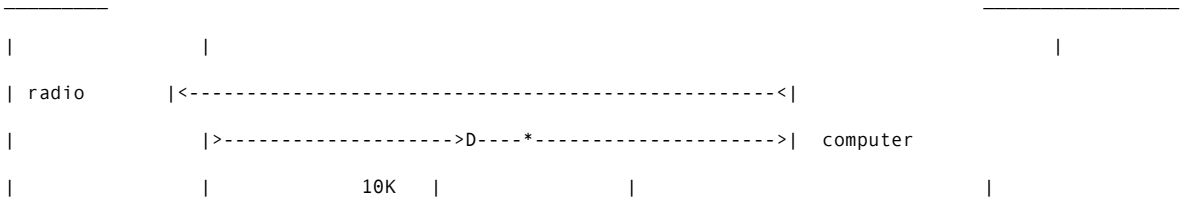
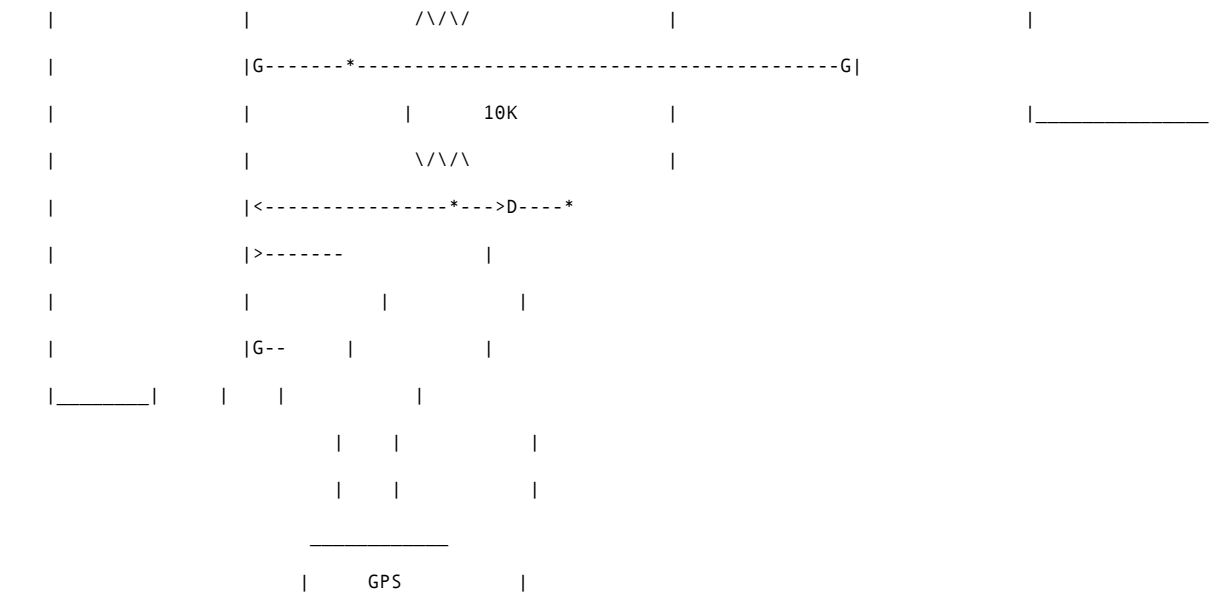
106. [htaprs] Re: D7AG questions

From: Chris Nelson <n7elu@teleport.com>
Date: Wed, 26 Sep 2001 16:38:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38743-2001.09.26-16.01.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

Some thing like this?





Bob Bruninga wrote:

On Wed, 26 Sep 2001, Chris Nelson wrote:

Bob, am I wrong in assuming that you mean to splice a diode between the
gps-radio cable and the radio-computer cable so that the computer receives
the gps data directly?

Thats what I was thinking... Both signals need to be diode-OREd to the PC
input with say 10k pull down resistors..

never tried it...

bob>

Chris

Bob Bruninga wrote:

Plug your PC into the GPS port while in APRS mode. THere you will get a
copy of all positions (after being converted to WAYPOINT format)...
You can log these. Im not sure if it includes an echo of your own
position though... If not, then a simple DIODE to echo back your own GPS
data would do it...
bob
On Wed, 26 Sep 2001, Craig Brunson wrote:

Both the D7AG & the D700 will not allow both the radio and an external PC to
view APRS data at the same time. Many have e-mailed Kenwood & asked them to
put in a software 'switch' to allow the external PC port to 'monitor' the
aprs string, while using the radio display as primary send / receive source.
I use an external KPC3+, with the audio from the D700 to get around this. I
use the D700 front panel, with the compass rose to track balloons, and use
the PC to log the data. I occasionally look up the!
track on the PC.
We need to keep asking Kenwood for this feature in hopes that they will add
it to the next firmware upgrade.
Craig
N7TSZ

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de WB4APR@amsat.org <mailto:WB4APR@amsat.org>, Bob

ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
<http://www.ew.usna.edu/~bruninga/iss-faq.html>
PCsat Design http://www.ew.usna.edu/~bruninga/pcsat.html <http://www.ew.usna.edu/~bruninga/pcsat.html>
CUBESAT Designs http://www.ew.usna.edu/~bruninga/cubesat.html
<http://www.ew.usna.edu/~bruninga/cubesat.html>
APRS LIVE pages http://www.ew.usna.edu/~bruninga/aprs.html <http://www.ew.usna.edu/~bruninga/aprs.html>
APRS SATELLITES http://www.ew.usna.edu/~bruninga/astars.html
<http://www.ew.usna.edu/~bruninga/astars.html>
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html <http://www.toad.!
net/~wclement/bruninga/mic-lite.html>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

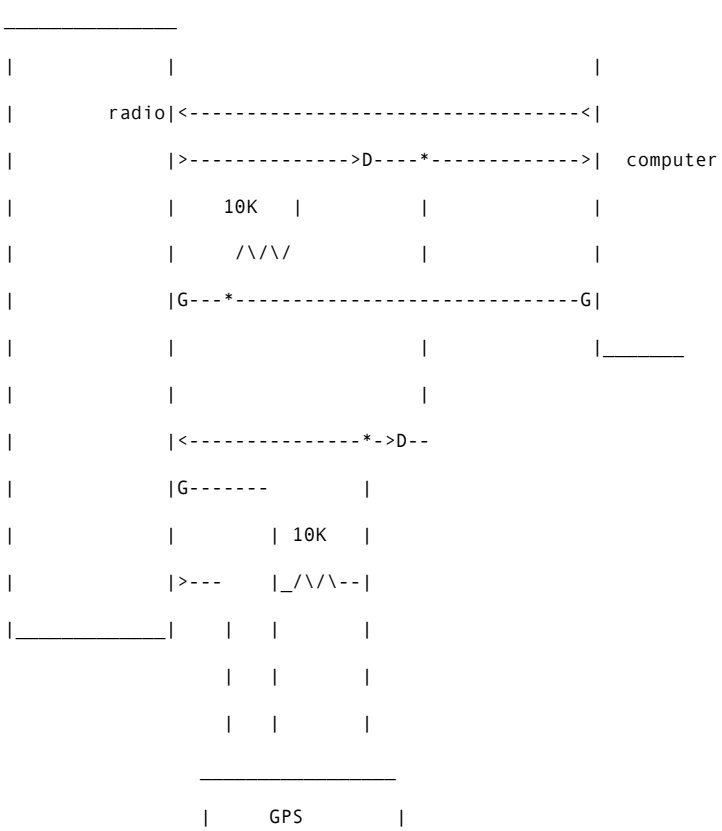
107. [htaprs] Re: D7AG questions

From: Chris Nelson <n7elu@teleport.com>
Date: Wed, 26 Sep 2001 17:29:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Bob Bruninga <bruninga@usna.edu>,
TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38755-2001.09.26-16.52.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

Chris Nelson wrote:

I did this one in a Fixed width font, hope this works

Some thing like this?



Bob Bruninga wrote:

On Wed, 26 Sep 2001, Chris Nelson wrote:

Bob, am I wrong in assuming that you mean to splice a diode between the
gps-radio cable and the radio-computer cable so that the computer receives
the gps data directly?

Thats what I was thinking... Both signals need to be diode-OREd to the PC
input with say 10k pull down resistors..

never tried it...

bob>

Chris

Bob Bruninga wrote:

Plug your PC into the GPS port while in APRS mode. THere you will get a
copy of all positions (after being converted to WAYPOINT format)...
You can log these. Im not sure if it includes an echo of your own
position though... If not, then a simple DIODE to echo back your own GPS
data would do it...
bob
On Wed, 2!
6 Sep 2001, Craig Brunson wrote:

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view APRS data at the same time. Many have e-mailed Kenwood & asked them to
put in a software 'switch' to allow the external PC port to 'monitor' the
aprs string, while using the radio display as primary send / receive source.
I use an external KPC3+, with the audio from the D700 to get around this. I
use the D700 front panel, with the compass rose to track balloons, and use
the PC to log the data. I occasionally look up the track on the PC.
We need to keep asking Kenwood for this feature in hopes that they will add
it to the next firmware upgrade.
Craig
N7TSZ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org <mailto:wa1lou@tapr.org>

de WB4APR@amsat.org <mailto:WB4APR@amsat.org>, Bob

ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
<http://www.ew.usna.edu/~bruninga/iss-faq.html>
PCsat Design !
http://www.ew.usna.edu/~bruninga/pcsat.html <http://www.ew.usna.edu/~bruninga/pcsat.html>
CUBESAT Designs http://www.ew.usna.edu/~bruninga/cubesat.html
<http://www.ew.usna.edu/~bruninga/cubesat.html>
APRS LIVE pages http://www.ew.usna.edu/~bruninga/aprs.html <http://www.ew.usna.edu/~bruninga/aprs.html>
APRS SATELLITES http://www.ew.usna.edu/~bruninga/astars.html
<http://www.ew.usna.edu/~bruninga/astars.html>
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html
<http://www.toad.net/~wclement/bruninga/mic-lite.html>

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108. [htaprs] re: SMA - BNC Adapter.

From: Norman Huber <n9zks@earthlink.net>
Date: Wed, 26 Sep 2001 07:39:20 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38759-2001.09.26-17.38.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

pbclark1@attglobal.net wrote:
>
> Some of us have a need to remove the antenna frequently. That is why it
> is removable in the first place. I've never had problems with radios
> with BNC connectors.
>
> Phil   KD6SP
>
> Skip Allison wrote:
>
I must be an exception, I use my D7A 0n my motorcycle and move it
regularly with no problem. On the other hand I have had repeated

problems with HTX-202 and HTX-404 radios with BNC's. That seemed to be
caused by the fact that the center sleeve on the radio was connected to
the circuit board in the radio with a solid stiff wire which transmitted
it's movement to the solder joint on the circuit board and broke it.

~~~~~~
---- Norm - N9ZKS
---- Motorcyclist, Bicyclist, Ham, Scouter
---- '87 GoldWing Interstate - Lagniappe Too
---- 40,000 miles - Laissez Les Bon Temps Roulez
---- MARC, WOTI, GWRRA, ABATE, AMA, ARRL
---- http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7
---- For a picture http://www.goldwings.myweb.nl/Gallery19.htm

---
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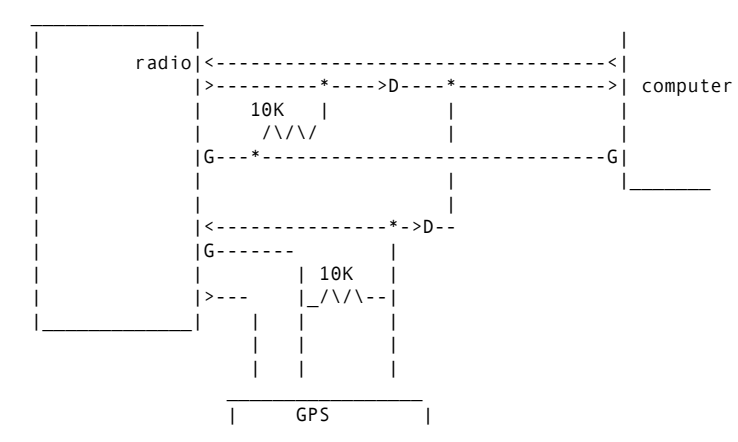
109. [htaprs] Re: D7AG questions

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 27 Sep 2001 01:06:22 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38823-2001.09.27-00.31.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 26 Sep 2001, Chris Nelson wrote:

>   Some thing like this?

No. Put just one pull down on the output side of the two diodes. then you
got it... Bob



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110. [htaprs] Kodiak APRS Bird

From: "Bruce Prior" <n7rr@hotmail.com>
Date: Thu, 27 Sep 2001 14:38:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38867-2001.09.27-10.03.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been hiking in Montana and Idaho and out of touch. What's happened
with the Naval Academy APRS satellite that was to have been launched from
Kodiak, Alaska? If it's up there, are there any operating hints? Thanks.
73,
Bruce Prior N7RR in Blaine, Washington

_____
Get your FREE download of MSN Explorer at http://explorer.msn.com/intl.asp

---
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~~~~~~

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111. [htaprs] Re: Kodiak APRS Bird

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 27 Sep 2001 12:01:19 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38901-2001.09.27-11.26.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 27 Sep 2001, Bruce Prior wrote:

> I've been hiking in Montana and Idaho and out of touch. What's happened
> with the Naval Academy APRS satellite that was to have been launched from
> Kodiak, Alaska? If it's up there, are there any operating hints? Thanks.
> 73,
> Bruce Prior N7RR in Blaine, Washington

Day-to-day launch holds. Now waiting for SOlar Stroms to subside...

de WB4APR@amsat.org, Bob

ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
PCsat Design   http://www.ew.usna.edu/~bruninga/pcsat.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

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112. [htaprs] TH-D7 filter

From: Jim Hill <jhill@vom.com>
Date: Thu, 27 Sep 2001 12:05:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38929-2001.09.27-14.31.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yesterday, I was making a power cord to feed the D7 from the car
cigarette lighter. I had done this once before using a simple LC
filter. This time I was using different components and the rig would
beep and show the Kenwood page every 12 seconds. The book says this
should happen if there is an over voltage, which there wasn't. I
fixed it by using a toroid with fewer turns of wire.
Anyone ever have this happen.
Jim, K6UUW

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113. [htaprs] Re: SMA - BNC Adapter.

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Thu, 27 Sep 2001 22:06:00 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38947-2001.09.27-16.31.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark Fellhauer <sparkfel@qwest.net> wrote:-

>>The BNC connector is (in it's 50 ohm version) designed for use up to 4GHz - much higher than GPS
receiver frequencies. This is for Greenpar and AMP Silver Plated versions.

> And at what cost?

The Greenpar cost from (in UK pounds + local sales tax) 1.67 to 2.27 for 8 cable types and for the most
expensive type is 4.90. The AMP range are about 1 pound more.

The cost of an SMA plug however is much higher at 6.57 and not much lower as you said.

> I am very pleased with the UK right now.

Thanks Mark.

--
Alan Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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114. [htaprs] Re: D7AG questions

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Thu, 27 Sep 2001 22:10:03 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38948-2001.09.27-16.35.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Craig Brunson" <Brunson1@gte.net> wrote:-

> Both the D7AG & the D700 will not allow both the radio and an external PC to view APRS data at the same time. Many have e-mailed Kenwood & asked them to put in a software 'switch' to allow the external PC port to 'monitor' the aprs string,

> We need to keep asking Kenwood for this feature in hopes that they will add it to the next firmware upgrade.

I started to write a program expecting this feature and was surprised to find it missing.

So, what is the best e-mail address at Kenwood to use?
--
Alan Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

115. [htaprs] Re: D7AG questions

From: "Rich Carter" <rich.carter@windriver.com>
Date: Thu, 27 Sep 2001 17:26:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38954-2001.09.27-16.50.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As long as we are asking them to modify the firmware, having a switch to send out GPS NMEA sentences would be a good idea too. They could both be sent out at the same time.

Rich - KE1EV

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Alan Morris
G4ENS
Sent: Thursday, September 27, 2001 6:10 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7AG questions

"Craig Brunson" <Brunson1@gte.net> wrote:-

> Both the D7AG & the D700 will not allow both the radio and an external PC to view APRS data at the same time. Many have e-mailed Kenwood & asked them to put in a software 'switch' to allow the external PC port to 'monitor' the aprs string,

> We need to keep asking Kenwood for this feature in hopes that they will add it to the next firmware upgrade.

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So, what is the best e-mail address at Kenwood to use?
--

Alan Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML used as using a Psion 5mx and Nokia 6210e at 9.6Kb.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

116. [htaprs] Re: D7AG questions

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Thu, 27 Sep 2001 19:46:28 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-38985-2001.09.27-20.11.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>As long as we are asking them to modify the firmware, having a switch to
>send out GPS NMEA sentences would be a good idea too. They could both be
>sent out at the same time.

In what sense? Currently if you set the GPSTEXT value to $GPRMC and put the
thing in packet mode, it spits out the GPS sentences on the serial port in
addition to the packets received.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

117. [htaprs] Re: D7AG questions

From: "Craig Brunson" <Brunson1@gte.net>
Date: Thu, 27 Sep 2001 18:45:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38998-2001.09.27-21.08.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

But packet mode would not let you use the front panel display for APRS -
this was what started this discussion. We want to use the front panel APRS
mode & be able to 'see' the data at the PC port at the same time.

Craig
N7TSZ

----- Original Message -----
From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, September 27, 2001 5:46 PM
Subject: [htaprs] Re: D7AG questions

>
> >As long as we are asking them to modify the firmware, having a switch to
> >send out GPS NMEA sentences would be a good idea too. They could both be
> >sent out at the same time.
>
> In what sense? Currently if you set the GPSTEXT value to $GPRMC and put
the
> thing in packet mode, it spits out the GPS sentences on the serial port in
> addition to the packets received.
>
> -----
> gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

118. [htaprs] D700 questions

From: Ken Cechura <kcechura@umr.edu>
Date: Thu, 27 Sep 2001 20:45:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-38999-2001.09.27-21.14.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

My roommate wants to get a D700, but first, he has some questions,
hopefully someone can answer some of them....

First, how fast does it scan between memories, and also just doing a
band-scan? (how many 5kHz(or smallest step size) steps per second?) (and
channels per second)

second....well someone answered that one already.

Thanks..

```
      ////////////////////////////////////////////////////
     //        Kenneth R. Cechura, KC9UMR                //
    //             kcechura@umr.edu                     //
   //           Station Manager, W0EEE                 //
  // University of Missouri-Rolla Amateur Radio Club  //
////////////////////////////////////////////////////////
```

119. [htaprs] R: [ui-view] TH-D7A(G) bug fixed ?

From: "Marco Bombelli IK2CHZ" <ik2chz@libero.it>
Date: Fri, 28 Sep 2001 11:33:18 -0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39054-2001.09.28-04.58.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

I had two different answer exactly opposite:

I have one D7E with the problem of long packets, and also have a D7A(g)
working nicely (never had a problem with long packets in 15 months of
continuous use)! Making a comparison, the D7E is like Windows 3.1 and D7G is
like Windows ME!

Best 73s from Spain,
Pedro, EB4DKA

And:

Nope, not fixed. It also exists in the D700A. Kenwood has stated to me

that "they are not working on that problem".

Sorry.

73,

Pete Loveall AE5PL

Who is right ?

```
----------------------------------------
Marco Bombelli IK2CHZ - K2CHZ
Crema (CR)
mailto: ik2chz@libero.it
http://digilander.iol.it/ik2chz
ARI - ARRL - GAL member
----------------------------------------
```

120. [htaprs] FS: Kenwood TH-D7A(g) w/extras

From: "edoc" <kd4e@arrl.net>
Date: Sat, 29 Sep 2001 15:51:43 -0400

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39310-2001.09.29-15.17.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Need to make a change of hardware for emergency communications
applications. cannot keep this and still add 220 gear and a small amp
for my FT-817.

Kenwood TH-D7A(g) w/extras, box, manuals -- asking $450.
including shipping within the Cont. USA.

Kenwood TH-D7A(g)
SMC-34 Remote Control Speaker-Mic
BT-11 AA Pack
PG-3J Filtered Cigarette Lighter Cable
BC-17 Wall Charger
SC-47B Protective Case w/display window

Thanks! & 73, Doc KD4E
~~~~~~

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~~~~~~

October 2001

Original source file: htaprs.0110
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0110

1. [htaprs] Re: D7AG questions

From: "Rich Carter" <rich.carter@windriver.com>
Date: Mon, 1 Oct 2001 09:14:03 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39629-2001.10.01-08.38.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

How do you get GPS sentences out when in APRS mode? I don't think you can.

Rich

-----Original Message-----
From: bounce-htaprs-14533@lists.tapr.org
[mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Gregg G.
Wonderly
Sent: Thursday, September 27, 2001 8:46 PM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] Re: D7AG questions

>As long as we are asking them to modify the firmware, having a switch to
>send out GPS NMEA sentences would be a good idea too. They could both be
>sent out at the same time.

In what sense? Currently if you set the GPSTEXT value to $GPRMC and put the
thing in packet mode, it spits out the GPS sentences on the serial port in
addition to the packets received.

-----
gregg@c2-tech.com (C2 Technologies Inc)

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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] Re: D7AG questions

From: "Craig Brunson" <Brunson1@gte.net>
Date: Mon, 1 Oct 2001 06:41:39 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-39633-2001.10.01-09.04.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gregg-

You missed the original reason for wanting a change. We, (many hams), want
to be able to use the front panel display with the APRS display ALONG with
being able to output the data to a PC. The front panel display gives you a
hands-free location, updated with each hit.

The PC data primarily is for logging, and for secondary viewing of the
track. I for one, want the NMEA strings available for logging. I use this
when tracking balloons to do post flight processing. Presently, I output
the D7 or D700 audio to a KPC3+, then into a PC to accomplish this. A
firmware 'switch' would allow me to eliminate the KPC3+, & go directly to
the PC.

Craig
N7TSZ

----- Original Message -----
From: "Rich Carter" <rich.carter@windriver.com>

> -----Original Message-----
> From: bounce-htaprs-14533@lists.tapr.org
> [mailto:bounce-htaprs-14533@lists.tapr.org]On Behalf Of Gregg G.Wonderly
> Sent: Thursday, September 27, 2001 8:46 PM
> To: TAPR Hot Technology APRS
>
> >As long as we are asking them to modify the firmware, having a switch to
> >send out GPS NMEA sentences would be a good idea too. They could both be
> >sent out at the same time.
>
> In what sense? Currently if you set the GPSTEXT value to $GPRMC and put
the
> thing in packet mode, it spits out the GPS sentences on the serial port in
> addition to the packets received.
> -----
> gregg@c2-tech.com (C2 Technologies Inc)

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3. [htaprs] Re: D7AG questions

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 01 Oct 2001 13:52:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-39690-2001.10.01-14.17.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>You missed the original reason for wanting a change. We, (many hams), want
>to be able to use the front panel display with the APRS display ALONG with
>being able to output the data to a PC. The front panel display gives you a
>hands-free location, updated with each hit.

I own a D7A(g). I would rather have a different display device (form factor
and function) from the existing D7 than a firmware change. I'd like a display
device that I could make work how I need it to, processing packets accordingly
and interacting with the world differently. This is why I am working on
JeAPRS (http://groups.yahoo.com/group/jeaprs and http://www.c2-tech.com/~gregg/
w5ggw/aprs). I want to use a simple Java powered display box with a few
serial ports and essentially create a remote Head. The HamHud is the kind of
thing that I am thinking about. When the hardware is done, I'm going to
create a modified design that uses the JStamp (http://www.jstamp.org) which
utilizes the aJile processor that executes Java byte codes natively, no
interpretation and can do hard realtime applications
(like make a robot play chopsticks on a piano/midi-instrument).

I don't want to have to hold my HT in my hand and mess with it while driving
to send messages and otherwise view what's going on. I don't want it to
transmit MIC-E, I want it to do 9600 baud, I want it to transmit in KISS mode
correctly (which the D7A(G) does not). My D7A(G) is useful as an APRS device,
but the reality is that it is not a great APRS device because of many of the
short commings described here. Rather than try to get the manufactures to
create something that is what we need (they can't afford to do that
realistically), I am putting my time into designing and implementing (and
cooperating with in the case of the HamHud) the next generation Packet radio
platform that will be akin to software defined radios. It will be infinately
flexible and powerfully configurable to do the job that each person needs.

I have JeAPRS running under the J2ME wireless platform
(http://www.c2-tech.com/~gregg/aprs/jeaprs), demonstrating remedial packet
processing. I have a Motorola i85S telephone that runs Java applications and
I have written applications interfacing to some enterprise applications that I
write for a living. This stuff is very real and very close to working. The
i85S has a limited amount of memory, and I am currently fighting this to get
my example JeAPRS application loaded into it. But, you can go to Sun
Microsystems Java web site at http://java.sun.com and download the wireless
toolkit from there (http://java.sun.com/products/j2mewtoolkit/index.html), put
the files from my webpage under that tools directory structure and then run
the application to see how it might work on multiple devices that are in fact
currently available for purchase.

The cool thing about the i85S and nextel's service is that I hope to create a
portable I-Gate out of the phone and D7A(G) combination. The serial port on
the phone can be cabled to the serial port on the D7A(G), put the D7A(G) in

packet mode and presto, I-Gate is possible. The demo app described above
connects to aprs.net to get the packets that it is displaying...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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4. [htaprs] ADMIN: Monthly Message

From: Stan Horzepa <stanzepa@earthlink.net>
Date: Mon, 08 Oct 2001 19:27:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-40912-2001.10.08-18.52.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in
discussing the new, hot technologies related to APRS (for example, the
APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards
another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects
that are only tangentially related to hot technologies related to APRS (like
³what kind of car should I buy for my new Kenwood transceiver?²) may be
considered off-topic. If you start a message with ³this is off-topic□² then
you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been
optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you
are referencing. (The HTAPRS SIG software has been optioned to limit the
length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been
optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any
list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at
the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please
email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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5. [htaprs] Tripmate

From: "ELLIOTT, BRUCE" <BRUCE.ELLIOTT@TCCD.NET>
Date: Tue, 9 Oct 2001 09:58:26 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41007-2001.10.09-10.24.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am running a Kenwood D-700, a laptop with Street Atlas 4 and APRS-sa, and
a tripmate GPS.

The GPS talks to Street Atlas. APRS-SA has a command to send ASTRAL to
either the GPS or TNC ports. This does not seem to do anything. My
assumption is that DTR is not asserted. The Tripmate is being powered from
the PC using a Delorme cable.

1. Can APRS-SA assert DTR (or whatever line is appropriate)?
2. Is my only option to do the plug modification?
3. Suggestions?

Bruce
KC5KYJ

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6. [htaprs] Re: Tripmate

From: "Roy Bost" <rbost@itexas.net>
Date: Tue, 9 Oct 2001 10:15:25 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41012-2001.10.09-10.41.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is your GPS plugged into the D700 or the laptop? I have my Garmon 35 pugged
into the D700. I plug the laptop into the radio as I see fit otherwise I
use the display on the D700.

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7. [htaprs] Re: Tripmate

From: "Roy Bost" <rbost@itexas.net>
Date: Tue, 9 Oct 2001 10:16:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41013-2001.10.09-10.42.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OOPS! I'm also using WinAPRS!

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8. [htaprs] tripmate

From: John Veach <ke4d@escapees.com>
Date: Wed, 10 Oct 2001 15:51:46 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41209-2001.10.10-15.21.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hey Roy, I use run my Tripmate directly to the D700 also. I only plug
the laptop in when I want to play with SAPlus. It is working just fine,
but I did do the mod. One of the jumper changes sends the ASTRAL command
to Tripmate.

John KE4D

www.TheRollingHome.com

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9. [htaprs] Fw: ADVISORY: Issued by FBI

From: "Jerome M. Kutche" <n9lya@blueriver.net>
Date: Thu, 11 Oct 2001 18:29:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41376-2001.10.11-18.57.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Danny...

FYI

Jerry Kutche
----- Original Message -----
From: "THE EMERGENCY EMAIL NETWORK" <bounced@emergencyemailnetwork.net>
To: <n9lya@blueriver.net>
Sent: Thursday, October 11, 2001 6:07 PM
Subject: ADVISORY: Issued by FBI

> Certain information, while not specific as to target, gives the government
> reason to believe that there may be additional terrorist attacks within
the
> United States and against U.S. interests overseas over the next several
> days. The FBI has again alerted all local law enforcement to be on the
> highest alert and we call on all people to immediately notify the FBI and
> local law enforcement of any unusual or suspicious activity.
> Carried by: THE EMERGENCY EMAIL NETWORK http://www.emergencye.com/
>

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10. [htaprs] New APRS sat!

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Fri, 12 Oct 2001 10:36:48 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41459-2001.10.12-10.02.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To Bob Bruninga & Team, Good work on the new sat!

I am getting beacons a couple of times a week on 144.39, on my
truck while parked at work.   Its cool to see this sat doing its thing!

I have not yet tried to uplink to it yet, but am planning to try soon from
my mobile, on the 440 side, according to the contract... I have a friend
who owns a d7, but cannot hit a relay or digi from his remote area north of
pittsburgh. We are real keen to try to use this new sat.
400 miles up, & 400 miles down, to go 50 miles across...

On a different note, has anybody ever written a program to run under
dos that will act as an aprs message mirror?
I want to try to send a message to "N3SDO-7" and have it
forward my text back to me as an APRS message to activate
the speech synthesizer. I have not found an easy way to
experiment with the synthesized speech to get it to say
different things.

I was a pretty good basic programmer, and have a couple of basic
compiliers that will make dos executables. Perhaps time to dust off
the programming brain cells. (If all that beer has not killed em off)

73

Ed N3SDO

11. [htaprs] Garmin GPSIII+ and a Kenwood TM-D700A

From: "Fritz Bock" <fbock@mtco.com>
Date: Sat, 13 Oct 2001 9:47:52
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41575-2001.10.13-10.13.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have recently purchased a Kenwood Tm-D700A and planned to use my Garmin GPSIII+ for APRS. I am hitting a brick wall in getting the Garmin to talk to the D700. I have all the D700 menus set as the book indicates....and the TNC is working when I manually put my long and lat into the My Position menu. I can see my location on WinAPRS, but when I connect the GPS to the radio, it quits transmiting. I am using a connecting cable from Blue Hills Inovation that includes a cig lighter/DB9 pigtail. I have tried plugging in the DB9 from the GPS to the D700, thinking that would work...it did not.

Kenwood tech support said that the only way to get the signal into the D700 is to use the 2.5 mm plug and calble that is supplied with the radio. I have tried a number of jumper position from the DB9 to the Kenwood cable (3 wire) but so far....dead in the water....

Anyone with suggestions.

Fritz
WD9FMB

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12. [htaprs] Re: Garmin GPSIII+ and a Kenwood TM-D700A

From: Chris McKendry <n5cwm@yahoo.com>
Date: Sat, 13 Oct 2001 15:41:40 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-41625-2001.10.13-18.07.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Do you have the Garmin set up correctly? Go to the SETUP menu on the GPS by pressing the MENU button twice (Main menu), then Setup, then the Interface tab; the settings should be in NMEA format, 4800 baud.

The only other thing could be the interface cable you are using, which I am not familiar with so I cannot help you there. I am using the optional Garmin power cable, which does not have a 2.5mm plug, the wires just
terminate and the power wire has a fuse holder on it.
I bought a Radio Shack 2.5mm plug and wired it myself.
I have never tried the DB9. I bought the power cable at a West Marine store. It is made by Garmin and has the plastic molded 4 pin plug on one end, pre-wired, the other end of the cable, about 5' long, like I mentioned earlier, has no pre-fab plug on it.

-Chris

_____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

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13. [htaprs] bruninga on newsline

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 13 Oct 2001 20:42:29 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-41654-2001.10.13-23.06.17--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

just heard mention on this weeks newsline about the pcsat and bob .

www.tapr.org

click on newsline

73
click on this link to find me http://map.findu.com/kd8s-7

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14. [htaprs] THD7A cigarette cable

From: "Ben Lindner" <vk5jfk@austarnet.com.au>
Date: Wed, 17 Oct 2001 11:27:13 +0930
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42069-2001.10.16-21.22.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

has anyone designed a power cable for the THD7A so it can get its power from
the cigarette lighter, if so can I please have some details or a web site
for the info.

Ben Lindner - VK5JFK

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15. [htaprs] Re: THD7A cigarette cable

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Tue, 16 Oct 2001 22:53:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-42085-2001.10.16-23.19.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>has anyone designed a power cable for the THD7A so it can get its power from
>the cigarette lighter, if so can I please have some details or a web site
>for the info.

I bought the one from Kenwood and it works just fine :-0

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] EMWIN to APRS Weather converting program.

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Wed, 17 Oct 2001 13:20:01 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42183-2001.10.17-12.45.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Gentlemen

I am looking for a program, or information on
writing one, that will capture & format NWS "EMWIN"
weather data, to an APRS weather message.

I tried checking the TAPR aprs & weather software
FTP site, but it just keeps rejecting my login.
Is it me or the FTP server?

Im only looking to do the text messages, not to
try to emulate an APRS weather station.

We have been getting weather warnings, but they
are manually entered by a local ham to APRS, after he
gets them via email or his pager, when he is not at work.

We discovered an EMWIN text data retransmission on 145.775
in our area, and want to capture this data, and have it
auto tx to APRS watches and warnings, and beacon the
current weather every few hours. We would also like for
it to be able to respond to WX requests.

Im sure others have thought of this, but before we
reinvent the wheel, has anybody got a program that does
this already?

73

Ed N3SDO

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: EMWIN to APRS Weather converting program.

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Wed, 17 Oct 2001 10:35:31 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-42185-2001.10.17-13.01.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 17 Oct 2001, Bathgate, Ed wrote:

> I am looking for a program, or information on
> writing one, that will capture & format NWS "EMWIN"
> weather data, to an APRS weather message.

> Im sure others have thought of this, but before we
> reinvent the wheel, has anybody got a program that does
> this already?

Talk to: Dale Huguley <kg5qd@earthlink.net>

He 'da man when it comes to weather and APRS.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: EMWIN to APRS Weather converting program.

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 17 Oct 2001 13:38:08 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42186-2001.10.17-13.03.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On 10/17/01 1:20 PM, "Bathgate, Ed" <Ed.Bathgate@marconi.com> wrote:

>
> Gentlemen
>
> I am looking for a program, or information on
> writing one, that will capture & format NWS "EMWIN"
> weather data, to an APRS weather message.
>
> I tried checking the TAPR aprs & weather software
> FTP site, but it just keeps rejecting my login.
> Is it me or the FTP server?

>
> Im only looking to do the text messages, not to
> try to emulate an APRS weather station.
>
> We have been getting weather warnings, but they
> are manually entered by a local ham to APRS, after he
> gets them via email or his pager, when he is not at work.
>
> We discovered an EMWIN text data retransmission on 145.775
> in our area, and want to capture this data, and have it
> auto tx to APRS watches and warnings, and beacon the
> current weather every few hours. We would also like for
> it to be able to respond to WX requests.
>
> Im sure others have thought of this, but before we
> reinvent the wheel, has anybody got a program that does
> this already?
>
> 73
>
> Ed N3SDO

It's not necessary to write anything. The EMWIN stream of watches, warnings,
special weather statements etc, are being parsed and transmitted to the APRS
IS now. All that is required is a local IGate station that can gate relevant
local information to the APRS RF Lan.

For help on setting up such an IGate see your documentation of your favorite
APRS client software (APRS IS capable versions)

For a dedicated IGate solution I would personally recommend
http://www.wa4dsy.net/aprs/index.html#aprsservers
and the following versions of the above original in development
http://vk3.aprs.net.au/
http://sourceforge.net/projects/aprsd/

For review of the proposed protocol see
http://co.collier.fl.us/Emergency/nwsproto.htm

Good Luck
--
Dennis, N2LBT
Sysop aprsdALY IGate
http://www.n2lbt.com
n2lbt@n2lbt.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: EMWIN to APRS Weather converting program.

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 17 Oct 2001 14:24:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42194-2001.10.17-14.50.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So I am running APRSD what do I put into my "msgdest2rf" line to get
weather bulletins for Bloomington Indiana? I think it has something to do
with "IND and then a zone number"?

  Thanks for any help.

   Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.ne

> For help on setting up such an IGate see your documentation of your
> favorite
> APRS client software (APRS IS capable versions)
>

> For a dedicated IGate solution I would personally recommend
> http://www.wa4dsy.net/aprs/index.html#aprsservers
> and the following versions of the above original in development
> http://vk3.aprs.net.au/
> http://sourceforge.net/projects/aprsd/
>
> For review of the proposed protocol see
> http://co.collier.fl.us/Emergency/nwsproto.htm
>
> Good Luck
> --
> Dennis, N2LBT
> Sysop aprsdALY IGate
> http://www.n2lbt.com
> n2lbt@n2lbt.com
>
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: EMWIN to APRS Weather converting program.

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Wed, 17 Oct 2001 15:17:22 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42207-2001.10.17-15.43.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Go to my web site, http://aprs.ae5pl.net , and find the CWA(s) for your
county(ies) in the NWS Databases. Then, put your CWA followed by an
asterisk in your msgdest2rf line.

For instance, the north Texas area is covered by the FWD CWA (Ft Worth
County Warning Area). So, if I were using aprsd, I would put FWD* in
the msgdest2rf line. KC5GOI is using aprsd and has implemented this.

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Hazen, Dwight L [mailto:hazen@indiana.edu]
Posted At: Wednesday, October 17, 2001 2:28 PM
Subject: [htaprs] Re: EMWIN to APRS Weather converting program.

So I am running APRSD what do I put into my "msgdest2rf" line to get
weather bulletins for Bloomington Indiana? I think it has something to
do
with "IND and then a zone number"?

Thanks for any help.

Dwight

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: htaprs digest: October 16, 2001

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Wed, 17 Oct 2001 13:55:21 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42213-2001.10.17-16.21.25--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

The one form Kenwood is regulated, and is probably
worth the money. I use it with my 10m HT too.

VE7VIE/KD7IGX

--- TAPR Hot Technology APRS digest
<htaprs@lists.tapr.org> wrote:
> TAPR Hot Technology APRS Digest for Tuesday, October
> 16, 2001.
>
> 1. THD7A cigarette cable
> 2. Re: THD7A cigarette cable
>
>

>
> Subject: THD7A cigarette cable
> From: "Ben Lindner" <vk5jfk@austarnet.com.au>
> Date: Wed, 17 Oct 2001 11:27:13 +0930
> X-Message-Number: 1
>
> Hi All,
>
> has anyone designed a power cable for the THD7A so
> it can get its power from
> the cigarette lighter, if so can I please have some
> details or a web site
> for the info.
>
> Ben Lindner - VK5JFK
>
>
>

>
> Subject: Re: THD7A cigarette cable
> From: "Gregg G. Wonderly"
> <gregg@skymaster.c2-tech.com>
> Date: Tue, 16 Oct 2001 22:53:32 -0500
> X-Message-Number: 2
>
>
> >has anyone designed a power cable for the THD7A so
> it can get its power from
> >the cigarette lighter, if so can I please have some
> details or a web site
> >for the info.
>
> I bought the one from Kenwood and it works just fine
> :-0
>
> -----
> gregg@c2-tech.com (C2 Technologies Inc)
>
>
>
>
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to htaprs as:
> ve7vie@rac.ca
> To unsubscribe send a blank email to
> leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG
> administrator: wa1lou@tapr.org
>

_____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] TH-D7A Problem

From: "Aaron Parker" <kc7rso@qwest.net>
Date: Wed, 17 Oct 2001 20:09:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42247-2001.10.17-22.35.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello everyone,
    I currently have two D7A's that are not correctly transmitting my coordinates. I am entering the coordinates by hand into the HT (no GPS connected). After the radio beacons or sends a aprs message, I view my station list on winaprs 2.5. My HT's do not show up on the map and they have a circle with a slash through it in the station list with no station icon either. It has the following coordinates of 90.00.00N/180.00.00W with a message showing incorrect station coordinates. Is this a known problem with the d7a? Or is this winaprs? Is there a fix for this? Or am I doing something strange with settings?

Thanks in advance for your responses.
Aaron
KC7RSO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] Re: TH-D7A Problem

From: "Jay Sissom" <ka9okt@home.com>
Date: Wed, 17 Oct 2001 23:06:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42250-2001.10.17-23.34.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Make sure you don't have the GPS setting to NMEA. If it's set for NMEA, it won't matter what position you've entered because it will be looking for a GPS position.

Jay
KA9OKT

----- Original Message -----
From: "Aaron Parker" <kc7rso@qwest.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Wednesday, October 17, 2001 10:09 PM
Subject: [htaprs] TH-D7A Problem

> Hello everyone,
>   I currently have two D7A's that are not correctly transmitting my
> coordinates. I am entering the coordinates by hand into the HT (no GPS
> connected). After the radio beacons or sends a aprs message, I view my
> station list on winaprs 2.5. My HT's do not show up on the map and they
have
> a circle with a slash through it in the station list with no station icon
> either. It has the following coordinates of 90.00.00N/180.00.00W with a
> message showing incorrect station coordinates. Is this a known problem
with
> the d7a? Or is this winaprs? Is there a fix for this? Or am I doing
> something strange with settings?
>
> Thanks in advance for your responses.
> Aaron
> KC7RSO
>
>
> ---
> You are currently subscribed to htaprs as: ka9okt@home.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] RE: TH-D7A Problem

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Thu, 18 Oct 2001 06:47:17 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42281-2001.10.18-07.13.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Press POS and what do you see? You should see *POSX (X=1 or 2 or 3) in
the first line with the number flashing and the location you have input.
If you see MyPos, then you have GPS set to NMEA - change menu 2-2 to
"NOT USED". If you see POSX and the wrong position has the asterisk,
scroll through until you see where you stored the position and press the
* key.

Finally, make sure that you have turned on BCON.

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Aaron Parker [mailto:kc7rso@qwest.net]
Posted At: Wednesday, October 17, 2001 10:14 PM
Subject: [htaprs] TH-D7A Problem

Hello everyone,
I currently have two D7A's that are not correctly transmitting my
coordinates. I am entering the coordinates by hand into the HT (no GPS
connected). After the radio beacons or sends a aprs message, I view my
station list on winaprs 2.5. My HT's do not show up on the map and they
have
a circle with a slash through it in the station list with no station
icon
either. It has the following coordinates of 90.00.00N/180.00.00W with a
message showing incorrect station coordinates. Is this a known problem
with
the d7a? Or is this winaprs? Is there a fix for this? Or am I doing
something strange with settings?

Thanks in advance for your responses.
Aaron
KC7RSO

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] Re: TH-D7A Problem

From: "Aaron Parker" <kc7rso@qwest.net>
Date: Sat, 20 Oct 2001 00:43:37 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42502-2001.10.20-03.09.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks for all of the responses! However the problem still persists. Here
is what the ht actually sends out on the air.

KC7RSO-2*>WA7RVV-11>WIDE-3>T7TPRR:
'-8#l K\>

this report is from my home APRS setup with a PK-232 and reading the info
from my terminal program on the aprs freq. I am comparing other stations
against mine and you can see their position report and read the coordinates.
For example.

WA7RVV-12>WA7RVV-11*>BEACON:
!4626.87NN11950.42W#PHG6940/YAKI APRS WIDE

```
Does this help describe what is happening?
Aaron
KC7RSO
----- Original Message -----
From: "Chris Rose" <kb8uih@arrl.net>
To: "Aaron Parker" <kc7rso@qwest.net>
Sent: Friday, October 19, 2001 9:25 PM
Subject: Re: [htaprs] TH-D7A Problem


> Is the TNC button pressed only once to activate APRS?  If you press TNC
> button twice, it goes to packet mode and needs outside control from a
> computer or terminal to make it work.
>
> ----- Original Message -----
> From: "Aaron Parker" <kc7rso@qwest.net>
> To: "Chris Rose" <kb8uih@arrl.net>
> Sent: Friday, October 19, 2001 11:32 PM
> Subject: Re: [htaprs] TH-D7A Problem
>
>
> > That is not it either.  Thanks for the suggestion.
> >
> > Aaron
> > ----- Original Message -----
> > From: "Chris Rose" <kb8uih@arrl.net>
> > To: "Aaron Parker" <kc7rso@qwest.net>
> > Sent: Friday, October 19, 2001 2:09 PM
> > Subject: Re: [htaprs] TH-D7A Problem
> >
> >
> > > What about the setting for distance away from you that the kenwood
> allows
> > > reception of signals?  Set it for no limit for distance.
> > >
> > >
> > > ----- Original Message -----
> > > From: "Aaron Parker" <kc7rso@qwest.net>
> > > To: "Chris Rose" <kb8uih@arrl.net>
> > > Sent: Friday, October 19, 2001 2:19 AM
> > > Subject: Re: [htaprs] TH-D7A Problem
> > >
> > >
> > > > Thanks for your suggestion.  However I made sure that NEMA is not
used
> > and
> > > > it still does this.
> > > >
> > > > Aaron
> > > > ----- Original Message -----
> > > > From: "Chris Rose" <kb8uih@arrl.net>
> > > > To: "Aaron Parker" <kc7rso@qwest.net>
> > > > Sent: Thursday, October 18, 2001 6:55 PM
> > > > Subject: Re: [htaprs] TH-D7A Problem
> > > >
> > > >
> > > > > Tell the THD7 setup menu that no NEMA is being used to feed
> > coordinates
> > > > from
> > > > > GPS units.  Is that set correctly?
> > >
> > >
> > >
> >
>
>


---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
```

26. [htaprs] FW: [aprssig] Re: TH-D7A Problem

```
From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sat, 20 Oct 2001 06:00:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
```

I apologize. I accidentally posted this to the main SIG instead of the
HT SIG like I should have. I wish the reflector would put the SIG
address as the reply-to address.

Sorry.

-----Original Message-----
From: AE5PL Lists
Posted At: Saturday, October 20, 2001 5:56 AM
Subject: [aprssig] RE: [htaprs] Re: TH-D7A Problem

This message says the following:

Your TH-D7 (identified by the terminating >) is at 47°40.22'N
117°28.07'W with a Kenwood Icon. Note there is a non-printable
character, 0x1c, preceding the K.

What version of WinAPRS are you running? Make sure you are running at
least 2.4.9 as earlier versions had trouble with the Mic-E format (which
is what the TH-D7 puts out).

The following settings make sure that there is NO filtering set on the
PK-232 so that all unprintable characters come through and make sure
that the PK-232 is set for hardware flow control.

PK232 important parms to maintain data integrity:
8B off
AW 8
PAR 0
CAS 0
MFI off
XF off

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Aaron Parker [mailto:kc7rso@qwest.net]
Posted At: Saturday, October 20, 2001 2:47 AM
Subject: [htaprs] Re: TH-D7A Problem

Thanks for all of the responses! However the problem still persists.
Here
is what the ht actually sends out on the air.

KC7RSO-2*>WA7RVV-11>WIDE-3>T7TPRR:
'-8#l K\>

this report is from my home APRS setup with a PK-232 and reading the
info
from my terminal program on the aprs freq. I am comparing other
stations
against mine and you can see their position report and read the
coordinates.
For example.

WA7RVV-12>WA7RVV-11*>BEACON:
!4626.87NN11950.42W#PHG6940/YAKI APRS WIDE

Does this help describe what is happening?
Aaron
KC7RSO

You are currently subscribed to aprssig as: HamLists@ametx.com
To unsubscribe send a blank email to leave-aprssig-19826B@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: TH-D7A Problem

From: Bill Diaz <billdiaz@megsinet.net>
Date: Sat, 20 Oct 2001 07:30:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42533-2001.10.20-07.56.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Aaron,

On Saturday, October 20, 2001 02:44, Aaron Parker [SMTP:kc7rso@qwest.net]
wrote:
> Thanks for all of the responses! However the problem still persists.
 Here
> is what the ht actually sends out on the air.
>
> KC7RSO-2*>WA7RVV-11>WIDE-3>T7TPRR:
> '-8#l K\>

Your position is being sent in the compressed Mic-E format that is used by
all D7 and D700. The TOCALL, and payload of the message contains your lat,
lon, speed, direction, status, phg, etc. This compression reduces the
amount of airtime required for the transmission of your location
information.

> this report is from my home APRS setup with a PK-232 and reading the info
> from my terminal program on the aprs freq. I am comparing other stations
> against mine and you can see their position report and read the
coordinates.
> For example.

> WA7RVV-12>WA7RVV-11*>BEACON:
> !4626.87NN11950.42W#PHG6940/YAKI APRS WIDE

The raw Mic-e packet has been converted from Mic-E compressed format by an
IGATE. This conversion is also performed by APRS Client software.

HTH,

Bill KC9XG

> Does this help describe what is happening?
> Aaron
> KC7RSO
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] D-700 TNC Hangs Up

From: "Dave Ludden" <dkludden@pacbell.net>
Date: Mon, 22 Oct 2001 13:25:48
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42903-2001.10.22-13.51.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I?m having a problem with my new D-700, after running either WinAPRS or
PocketAPRS with the GPS (Magellan 315) hooked up the TNC will hang. This
happens after you quit the program and try to reopen the TNC in the APRS
mode.
When the TNC hangs the display reads ?Opening TNC?, the only way I?ve found
to get the TNC to start working again is to reset the radio.
If I use just the GPS or just the WinAPRS or PocketAPRS programs the TNC
won?t hang, it only happens if you use both.
Any help or suggestion would be greatly appreciated.
Dave, KF6MDH

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: D-700 TNC Hangs Up

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 22 Oct 2001 15:00:49 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-42931-2001.10.22-17.27.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 Oct 2001, Dave Ludden wrote:

> I?m having a problem with my new D-700, after running either WinAPRS or
> PocketAPRS with the GPS (Magellan 315) hooked up the TNC will hang. This
> happens after you quit the program and try to reopen the TNC in the APRS
> mode.
> When the TNC hangs the display reads ?Opening TNC?, the only way I?ve found
> to get the TNC to start working again is to reset the radio.

Hurray! Someone else has the same problem as me! I bet you're running
Windows ME, am I right? :-)

If you have a USB->Serial adapter, use that. I use the one I got for my
PalmPilot. It stops the TNC hanging problem. Of course, it doesn't cure
any of the other COM port problems that WinME has. :-(

BTW, you don't have to reset the whole radio (losing memories, PMs etc),
just reset the VFO.

> If I use just the GPS or just the WinAPRS or PocketAPRS programs the TNC
> won?t hang, it only happens if you use both.

I hadn't looked into that particular set of operations. I'll try it
without the GPS attached next time.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: D-700 TNC Hangs Up

From: "Guy J. Story" <kc5goi@pacecar.infospeedway.net>
Date: Mon, 22 Oct 2001 19:37:31 -0500 (CDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-42955-2001.10.22-20.03.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Julian, I am getting this on Win98 and pocketAPRS. I talked to Mike Musak
about this earlier this summer and he indicated that the radio is looking
for the rts and dtr signals. TO date, I do not think anyone's software
does this. Really is no need for it in my opinion.

--
73 from
Guy Story, KC5GOI
Silver Dome MHP # 79
Denton Texas, 76208
www.kc5goi.net
kc5goi@kc5goi.net

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: D-700 TNC Hangs Up

From: Byron Smith <wa6ylb@theworks.com>
Date: Mon, 22 Oct 2001 18:24:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-42959-2001.10.22-20.51.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> hooked up the TNC will hang. This
>happens after you quit the program and try to reopen the TNC in the APRS
>mode.

   I dont know if I have seen it hang when changing modes. One thing I do
see when using the TNC within the D700 radio with an external APRS laptop

running on the serial line, is the radio locks into transmit mode (but not right away). It usually takes 20-30 minutes, but then I notice everything is quiet, and I see the transmit indicator is stuck on. To clear it, I have to recycle the radio off then back on with the radios ON/OFF button. It never locks up when the internal APRS function is running in the radio. Only when I use the radio and TNC with an external APRS program does it do this. I have tried three different laptops and they all do this.
When the radio is locked on the air, its continuously sending opening "flags" as heard in another 2M radio.

   I am starting to believe this may be related to the actual length of data (wether its two pakcets back to back or just a long packet - I need to experiment and see if its length) being sent to the TNC in the radio, as it takes almost 20-30 minutes since the starting of the aprs program to cause this lock up. I came to this conclusion after realizing that by this time, the Position and Status timers are about in total time out sync, where both packets are sent right after each other. Aprsdos usually sends its position often and then spaces out the time between position packets until it reaches the max time as set by the program. The Status gets sent randomly too, but before long the timers coincide with each other.

I have yet to confirm what length of packet will cause this problem. I know it tends not to lock up in transmit if I dont install any "status" message.

This happens using both APRSdos and Winaprs programs. When I disable transmit (C X in aprsdos) it doesn't cause the D700 to lock into transmit mode. Of course both Winaprs and APRSdos are sending the Control E to read the GPS position out of the D700.

Its so frustrating to see the lock up that I almost give up on it with the D700 and external laptop for APRS use.

Byron Smith
wa6ylb@theworks.com
wa6ylb@wa6ylb.#nca.ca.usa.noam
ICQ 26114994

http://www.theworks.com/~wa6ylb

What was the best thing before sliced bread?

32. [htaprs] Re: D-700 TNC Hangs Up

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 22 Oct 2001 21:27:03 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-42968-2001.10.22-23.52.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 Oct 2001, Byron Smith wrote:

>   I dont know if I have seen it hang when changing modes.

For me, it's not when changing modes... it's when you touch *any* button on the front, it tries to open the TNC and it locks up.

> One thing I do see when using the TNC within the D700 radio with an
> external APRS laptop running on the serial line, is the radio locks
> into transmit mode (but not right away).

Yup. I have this too, but unlike you, mine locks on transmit immediately upon exiting WinAPRS.

> To clear it, I have to recycle the radio off then back on with the
> radios ON/OFF button. It never locks up when the internal APRS
> function is running in the radio. Only when I use the radio and TNC
> with an external APRS program does it do this.

Exactly.

> I have tried three different laptops and they all do this. When the
> radio is locked on the air, its continuously sending opening "flags"
> as heard in another 2M radio.

I've tried two different D700 radios. They both did this. I snipped your diagnosis, because as I said earlier, the D700 locks up immediately upon exiting WinAPRS.

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Point me to right site

From: pbrown@wmblaw.org (Paul Brown)
Date: Tue, 23 Oct 2001 10:12:06 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43024-2001.10.23-09.37.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am the proud owner of an old Yaesu FT-530, a Garmin GPS-12, a
Kantronics KPC3, and (soon) a Handspring Visor Deluxe PDA. I have a
cable that turns the GPS plug into RS-232. And a cable to connect the
KPC3 to the Yaesu.

What else do I need to run APRS with this equipment?

KD4UPD

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

34. [htaprs] Re: Point me to right site

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 23 Oct 2001 08:46:57 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43052-2001.10.23-11.13.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 23 Oct 2001, Paul Brown wrote:

> I am the proud owner of an old Yaesu FT-530, a Garmin GPS-12, a
> Kantronics KPC3, and (soon) a Handspring Visor Deluxe PDA. I have a
> cable that turns the GPS plug into RS-232. And a cable to connect the
> KPC3 to the Yaesu.
>
> What else do I need to run APRS with this equipment?

www.pocketaprs.com

www.markspace.com

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] Re: Point me to right site

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Tue, 23 Oct 2001 09:11:44 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43144-2001.10.23-18.35.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Tue, 23 Oct 2001, Curt Mills, WE7U wrote:

> On Tue, 23 Oct 2001, Paul Brown wrote:
>
> > I am the proud owner of an old Yaesu FT-530, a Garmin GPS-12, a
> > Kantronics KPC3, and (soon) a Handspring Visor Deluxe PDA. I have a
> > cable that turns the GPS plug into RS-232. And a cable to connect the
> > KPC3 to the Yaesu.
> >
> > What else do I need to run APRS with this equipment?

>
> www.pocketaprs.com
>
> www.markspace.com

Now that I think of it though, I believe you'll need a KPC-3+ with
a certain firmware level or above in order to be able to plug the
GPS into the TNC, and the Visor into the TNC at the same time.
The Visor has no hardware handshake lines on its serial port, so you
can't use an HSP adapter with it.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] D7A(g) email from keypad?

From: "john mcgovern" <kb1hdn@arrl.net>
Date: Tue, 23 Oct 2001 21:4:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43177-2001.10.23-21.30.51--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've not yet been able to send a brief
email using only the d7 keypad. is there
an undocumented key sequence for [space]?

double "OK" just terminates the message
prematurely after the email address.

i've been able to send via the d7 using a pc
however, since an ascii space is accepted after the
email address from the computer's aprs sfw.

john,kb1hdn

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] RE: D7A(g) email from keypad?

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Tue, 23 Oct 2001 19:22:28 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43178-2001.10.23-21.47.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, press the zero key. The first push is a space, the second one a zero.

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page: http://members.nbci.com/kb7uvc/index.htm

> -----Original Message-----
>> Subject: [htaprs] D7A(g) email from keypad?
>
>
> I've not yet been able to send a brief
> email using only the d7 keypad. is there
> an undocumented key sequence for [space]?
>
> double "OK" just terminates the message
> prematurely after the email address.
>
> i've been able to send via the d7 using a pc
> however, since an ascii space is accepted after the
> email address from the computer's aprs sfw.
>
> john,kb1hdn

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: D7A(g) email from keypad?

From: Phil Reed <preed@dnaco.net>
Date: Tue, 23 Oct 2001 22:31:37 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43182-2001.10.23-21.57.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 09:04 PM 10/23/2001 +0000, john mcgovern wrote:
>I've not yet been able to send a brief
>email using only the d7 keypad. is there
>an undocumented key sequence for [space]?

The DUAL key alternates between 0 (zero) and space.

- ---

...phil / w8sca

"For a list of all the ways technology has failed
to improve the quality of life, press 3."

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 7.0.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBO9YoCIl0VBXuaP/UEQJj8wCgmZ1BJkPaJP1SmREo1VbuiG3b39cAoLXh
APoFCuhN3Iwc7e8hGFERRQ8F
=jpV9
-----END PGP SIGNATURE-----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] packet bbs w/no laptop

From: Steve Bossert <kc2gog@optonline.net>
Date: Tue, 23 Oct 2001 22:58:28 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43191-2001.10.23-22.24.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Instead of a palm pilot, laptop or another expensive PDA to run a terminal to log on to a bbs system, I use a Sharp Wizard model OZ-770 hooked up to either my d700 or d7ag. This organizer which only sells for $100 USD
can run BASIC programs which can be downloaded off the mywizard.com website and their are a variety of programs such as a terminal emulator and a grid to lat/long converter (which really has no use since the d7ag can do it by it self, but is pretty neat because i made it myself)

all those functions that you can do with your $400 palm or $1000+ laptop you can do with the Sharp Wizard OZ-770(also models OZ-730 and OZ-750)
as far as terminal stuff and only runs on 2 AA size batteries and is not much bigger than the ARRL repeater directory. the best part is it has a full size QWERTY keyboard!!!!!!

so while on the go I grab my kenwood th-d7ag, GPs (gps 12xl) and oz-770 and you have an entire packet/aprs system that you can use globaly from the new PCSat to the ISS (intl space station) and all your favorite local stuff.

73

Steve Bossert
KC2GOG@amsat.org

40. [htaprs] Re: packet bbs w/no laptop

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 24 Oct 2001 09:14:28 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43278-2001.10.24-08.40.28--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

On Tue, 23 Oct 2001, Steve Bossert wrote:

> terminal to log on to a bbs system, I use a Sharp Wizard model OZ-770
> hooked up to either my d700 or d7ag. This organizer which only sells
> for $100 USD can run BASIC programs which can be downloaded off the
> mywizard.com website and their are a variety of programs such as a

Hummh... I write in Basic...
I looked at the fuzzy picture on the WEB page above and its hard to see
the screen resolution. Tell me more. Is it worth writing an APRSdos for
it?

Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] TH-D7AG Question

From: Cal Spreitzer <n3cal@starpower.net>
Date: Wed, 24 Oct 2001 10:36:38 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43297-2001.10.24-10.03.57--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone know how to edit the Position Comments "Custom 0 -Custom 6"?
Can they be edited? The only mention of these in the manual are they
are reserved for personal definition? The new HT is working great!

Cal Spreitzer
N3CAL

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] D700 puts packets on local repeater

From: "Bob Webster" <wh6dx@worldnet.att.net>
Date: Wed, 24 Oct 2001 9:40:12
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43300-2001.10.24-10.06.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just put my D700 on the air for first time and everything works great.
I send "My Position" and receive packets. I am using a Garmin Emap GPS
with the D700.
     The problem is when I am using APRS and then go to a memory channel
with local repeater and key the mic other operators come back and say I
am transmitting packets. I used the Kenwood sofware to download memories
to radio. I know I have made a setup mistake,but don't know where.
                  Thanks Bob Webster wh6dx

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: TH-D7AG Question

From: Phil Reed <preed@dnaco.net>
Date: Wed, 24 Oct 2001 10:53:02 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43302-2001.10.24-10.24.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 10:36 AM 10/24/2001 -0400, Cal Spreitzer wrote:
>Anyone know how to edit the Position Comments "Custom 0 -Custom 6"?
>Can they be edited? The only mention of these in the manual are they
>are reserved for personal definition? The new HT is working great!

They cannot be edited. You and your partners have to agree ahead of time
what they mean. You might agree that "Custom 0" means "Meet at the Krispy
Kreme on 3rd Street in 45 minutes."

- ---

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 7.0.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBO9bVzYl0VBXuaP/UEQKHQwCg4ZyHQauOY5Uxmp1hJdjj460kb1cAoLIp
N19uIRYBfxuQQyGNqITe4NI7
=oBma
-----END PGP SIGNATURE-----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: D700 puts packets on local repeater

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 24 Oct 2001 09:26:31 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43314-2001.10.24-11.53.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 24 Oct 2001, Bob Webster wrote:

> I just put my D700 on the air for first time and everything works great.
> I send "My Position" and receive packets. I am using a Garmin Emap GPS
> with the D700.
>   The problem is when I am using APRS and then go to a memory channel
> with local repeater and key the mic other operators come back and say I
> am transmitting packets. I used the Kenwood sofware to download memories
> to radio. I know I have made a setup mistake,but don't know where.

It sounds like you've set your beacon transmission type to "PTT". In that
mode, whenever you unkey, it sends out a packet. You'd be better off
setting it to "Auto" (and setting the TX interval appropriately)... but
even then it'll transmit on your repeater frequency *unless* you turn off
the Beacon. If you see BCN on your display, it's going to transmit packets
at some time, and if you've moved to a repeater frequency, guess where
it'll transmit!

Julian

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] Re: D700 puts packets on local repeater

From: "Bob Webster" <wh6dx@worldnet.att.net>
Date: Wed, 24 Oct 2001 11:57:23
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43325-2001.10.24-12.23.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks Julian... I have it in AUTO.. I did not think to turn off BCN.
I thought you could go from APRS to using your local repeater with out
making changes to radio. The QST review by WA1LOU made it sound like
you could do both at same time,with voice interrupting data.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: D700 puts packets on local repeater

From: "Roy Bost" <rbost@itexas.net>
Date: Wed, 24 Oct 2001 12:17:14 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43330-2001.10.24-12.44.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Put APRS on the left side of the radio and all your repeaters on the right
side. You can mix bands (v/u) on each side.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] Re: D700 puts packets on local repeater

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 24 Oct 2001 10:26:03 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43334-2001.10.24-12.52.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 24 Oct 2001, Bob Webster wrote:

> Thanks Julian... I have it in AUTO.. I did not think to turn off BCN.
> I thought you could go from APRS to using your local repeater with out
> making changes to radio. The QST review by WA1LOU made it sound like
> you could do both at same time,with voice interrupting data.

You can... but you'd need to have the voice repeater on the other band
(the one that's not doing APRS). Note that when you're actively
transmitting voice (your PTT is pushed), the APRS side will wait until
you're done before it transmits. Also, when the APRS side does transmit,
received audio on the other side will be muted. This means that you can
miss segments of the other party's voice transmission. This, of course,
assumes that both sides of the radio are being used on the same band (2m,
for example).

Julian

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] Re: D-700 TNC Hangs Up

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 22 Oct 2001 15:00:49 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43337-2001.10.24-12.57.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 Oct 2001, Dave Ludden wrote:

> I?m having a problem with my new D-700, after running either WinAPRS or
> PocketAPRS with the GPS (Magellan 315) hooked up the TNC will hang. This
> happens after you quit the program and try to reopen the TNC in the APRS
> mode.
> When the TNC hangs the display reads ?Opening TNC?, the only way I?ve found
> to get the TNC to start working again is to reset the radio.

Hurray! Someone else has the same problem as me! I bet you're running
Windows ME, am I right? :-)

If you have a USB->Serial adapter, use that. I use the one I got for my
PalmPilot. It stops the TNC hanging problem. Of course, it doesn't cure
any of the other COM port problems that WinME has. :-(

BTW, you don't have to reset the whole radio (losing memories, PMs etc),
just reset the VFO.

> If I use just the GPS or just the WinAPRS or PocketAPRS programs the TNC
> won?t hang, it only happens if you use both.

I hadn't looked into that particular set of operations. I'll try it
without the GPS attached next time.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] Re: D-700 TNC Hangs Up

From: "Guy J. Story" <kc5goi@pacecar.infospeedway.net>
Date: Mon, 22 Oct 2001 19:37:31 -0500 (CDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43338-2001.10.24-12.59.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Julian, I am getting this on Win98 and pocketAPRS. I talked to Mike Musak
about this earlier this summer and he indicated that the radio is looking
for the rts and dtr signals. TO date, I do not think anyone's software
does this. Really is no need for it in my opinion.

--
73 from
Guy Story, KC5GOI
Silver Dome MHP # 79
Denton Texas, 76208
www.kc5goi.net
kc5goi@kc5goi.net

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: D-700 TNC Hangs Up

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Mon, 22 Oct 2001 21:27:03 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43339-2001.10.24-13.01.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 Oct 2001, Byron Smith wrote:

>   I dont know if I have seen it hang when changing modes.

For me, it's not when changing modes... it's when you touch *any* button
on the front, it tries to open the TNC and it locks up.

> One thing I do see when using the TNC within the D700 radio with an
> external APRS laptop running on the serial line, is the radio locks
> into transmit mode (but not right away).

Yup. I have this too, but unlike you, mine locks on transmit immediately
upon exiting WinAPRS.

> To clear it, I have to recycle the radio off then back on with the
> radios ON/OFF button. It never locks up when the internal APRS
> function is running in the radio. Only when I use the radio and TNC
> with an external APRS program does it do this.

Exactly.

> I have tried three different laptops and they all do this. When the

> radio is locked on the air, its continuously sending opening "flags"
> as heard in another 2M radio.

I've tried two different D700 radios. They both did this. I snipped your
diagnosis, because as I said earlier, the D700 locks up immediately upon
exiting WinAPRS.

Julian

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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Re: ["Guy J. Story"] Re: D-700 TNC Hangs Up

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Wed, 24 Oct 2001 13:53:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43359-2001.10.24-14.19.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>Julian, I am getting this on Win98 and pocketAPRS. I talked to Mike Musak
>about this earlier this summer and he indicated that the radio is looking
>for the rts and dtr signals. TO date, I do not think anyone's software
>does this. Really is no need for it in my opinion.

Flow control is an integral need of any serial communications mechanism.
Hardware flow control greatly simplifies the design of the software systems on
either side so that the underlying hardware interrupt routines can manipulate
flow control and elimiate buffer overflows. This allows the applications
software to execute without need to make regular visits to the fifo to extract
data.

The most important thing is that without hardware flow control, you'll need
software flow control via XON/XOFF, and that makes it impossible to use KISS
to a TNC reliably. Some packets may contain XOFF and stop data comming from
the TNC until you reset the TNC...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: D700 puts packets on local repeater

From: "Bob Webster" <wh6dx@worldnet.att.net>
Date: Wed, 24 Oct 2001 14:43:49
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43364-2001.10.24-15.10.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thanks to all...When I first setup the D700 I tryed to load data on "A"
and repeaters and simplex on "B". I had no luck getting Memory Channels
To go to the correct side using Kenwood software. What is the correct
way to do this?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] Re: D-700 TNC Hangs Up

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 24 Oct 2001 16:14:03 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43365-2001.10.24-15.40.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Mon, 22 Oct 2001, Guy J. Story wrote:

> Julian, I am getting this on Win98 and pocketAPRS. I talked to Mike Musak
> about this earlier this summer and he indicated that the radio is looking
> for the rts and dtr signals. TO date, I do not think anyone's software
> does this. Really is no need for it in my opinion.

I always just jumper pin 7 to 8 at the connector and then only use a 3
wire serial cable...

bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Re: D700 puts packets on local repeater

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 24 Oct 2001 14:07:43 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43368-2001.10.24-16.33.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 24 Oct 2001, Bob Webster wrote:

> Thanks to all...When I first setup the D700 I tryed to load data on "A"
> and repeaters and simplex on "B". I had no luck getting Memory Channels
> To go to the correct side using Kenwood software. What is the correct
> way to do this?

The D700's memories are one contiguous block. They are not split into
"Left VFO Memories" and "Right VFO Memories".

Since the D700 can tune 2m and 440 frequencies on the Right VFO, you can
see 2m frequencies on both the left *and* right VFOs.

Let's imagine that I have the following memories setup:

```
Mem #   Frequency
 1      144.520
 2      144.330
 3      145.220 - 103.5PL
 4      446.000
```

If I go to the Right VFO and put it in memory mode, I'll see *all* the
frequencies (memory #s 1-4) show up in that VFO.

If I go to the Left VFO, I'll only see memory channels 1-3 show up, since
the left VFO cannot do 70cm.

So there's no real way to store 2m and 70cm frequencies and keep them
"separate". You can do what I do, which is store all 2m frequencies in
memory channels 1-100 and all 440 (70cm) frequencies in channels 101-200,
but that doesn't keep the "separate" since I can go to the Right VFO and
still tune in memories 1-100!

I hope that's clear.

Julian

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] Re: D700 puts packets on local repeater

From: "Bob Webster" <wh6dx@worldnet.att.net>
Date: Wed, 24 Oct 2001 16:42:47
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43372-2001.10.24-17.08.50--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Thanks Julian and All...I have learned so much in the last few hours.
I have made changes and all is working good.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

56. [htaprs] Re: D700 puts packets on local repeater

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Thu, 25 Oct 2001 00:23:29 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43396-2001.10.24-18.50.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Bob Webster" <wh6dx@worldnet.att.net> wrote:-

> The problem is when I am using APRS and then go to a memory channel with local repeater and key the
mic other operators come back and say I am transmitting packets.

Turn down the volume on the data band as when transmitting voice on the other band, the data audio many
be getting into the microphone.
--
Alan R Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML, using a Psion 5mx & Nokia 6210e at 9.6Kb.

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57. [htaprs] HP Jornada for APRS

From: "NRZ" <sputnick@intnet.net>
Date: Wed, 24 Oct 2001 20:42:29 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43403-2001.10.24-20.06.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

For those of you waiting for a good deal on a PDA, Office Depot has HP
Jornada 525's for 199$. 16Mb, color screen, Compact flash expansion slot...
here's a link:
http://www.officedepot.com/shop/search/skuResults.asp?type=2&DIV%5FID=17&CAT
G%5FID=1704&ANDOR=&WILDCARDS=&STEMMING=&advancedqu=525&SID=QQ2K01V8J7JX9MQM3
G27U64BNT261DL8&PP=0

Any updates on APRS CE? Any "gotta have" ham programs for CE?

Nick
K4VFR
www.photonick.net

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58. [htaprs] Re: D700 puts packets on local repeater

From: "Richard Amirault" <ramirault@erols.com>
Date: Wed, 24 Oct 2001 22:40:40 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43411-2001.10.24-22.14.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

To further clarify .... The D700 has a "VHF" side and a "UHF" side but each
'side' can transmit *either* VHF or UHF. The memory channels are shared
(there are no separate channels for VHF or UHF) You pick one 'side' as the
DATA channel for APRS and leave it there. You use the other side for either
VHF or UHF. Note: it helps to make the APRS channel skip on scan mode so
that it will not show up on a scan on your voice/repeater 'side'.

Richard Amirault N1JDU Boston,
MA, USA
www.erols.com/ramirault "Go Fly A Kite"

----- Original Message -----
From: "Julian Frost" <jfrost@eclectic.ss.uci.edu>
Subject: [htaprs] Re: D700 puts packets on local repeater

> You can... but you'd need to have the voice repeater on the other band
> (the one that's not doing APRS). Note that when you're actively
> transmitting voice (your PTT is pushed), the APRS side will wait until
> you're done before it transmits. Also, when the APRS side does transmit,
> received audio on the other side will be muted. This means that you can
> miss segments of the other party's voice transmission. This, of course,
> assumes that both sides of the radio are being used on the same band (2m,
> for example).

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59. [htaprs] SSID for D700

From: "Bob Webster" <wh6dx@worldnet.att.net>
Date: Thu, 25 Oct 2001 6:29:46
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43474-2001.10.25-06.55.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A fellow ham told me I had the wrong SSID after my call sign.
He said there is an unpublished list that says anyone using a D700 should
use -8 after there call. I refered him to the Kenwood D700 Specialized
Manual page #24. In the Manual -8 seems to refer to two or more digpeaters
in a north direction. Can anyone clear this up?

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60. [htaprs] Re: SSID for D700

From: "Roy Bost" <rbost@itexas.net>
Date: Thu, 25 Oct 2001 07:45:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43485-2001.10.25-08.12.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Use any SSID you wish. To my knowledge there is no standard on SSID usage.
I use -9 for my D700 which is the old SSID for a car (which it's mounted
in.). If you wish to use the old system, look at the icon definitions (-9 =
car, -12 = suv, -14 = pickup, and -15 = van). I use ssids -1,-2,-3,-4 for
my digis and -7 for my D-7 ht.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] Re: SSID for D700

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Thu, 25 Oct 2001 09:03:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43487-2001.10.25-09.29.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Roy is correct. To add to his comment, when the TH-D7 came out, many
people used (and still do) -7 for a SSID to give an extra clue that the
person is using a handheld. This is a matter of convention, not
specification. When the D700 came out, some people said "Hey, let's use
-8 to show people what that we are using an integrated radio." Because
the D700 is used more from locations that have an icon SSID (Roy made
reference to some of these), the "standard" of using -8 has faded away.

As Roy showed, the specification states that any SSID is valid if your
radio transmits the icon as part of the packet (which the D7 and the
D700 do). There are loose conventions used in different locales, but,
suffice it to say, any SSID is valid. I use -7 for my handheld (it
carries an icon of a house, an airplane, a jogger, a horse, a car, or a

truck depending on where I am). I use -14 for my D700 (it is mounted in
my pick-up) except when I work ISS or PCSat: then it is -8 so I can see
if I make it onto findu.com. My IGate is -10 and my weather
station/home PC is -0 (no SSID). As you can tell from Roy and my
emails, there is no "correct" SSID, just some loose conventions.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

-----Original Message-----
From: Roy Bost [mailto:rbost@itexas.net]
Posted At: Thursday, October 25, 2001 7:48 AM
Posted To: APRS High Tech
Conversation: [htaprs] Re: SSID for D700
Subject: [htaprs] Re: SSID for D700

Use any SSID you wish. To my knowledge there is no standard on SSID
usage.
I use -9 for my D700 which is the old SSID for a car (which it's mounted
in.). If you wish to use the old system, look at the icon definitions
(-9 =
car, -12 = suv, -14 = pickup, and -15 = van). I use ssids -1,-2,-3,-4
for
my digis and -7 for my D-7 ht.

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62. [htaprs] FRS Radios and APRS

From: Jim Korenz <n8pxw@yahoo.com>
Date: Thu, 25 Oct 2001 12:40:14 -0700 (PDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43527-2001.10.25-15.06.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,
    I seem to remember a thread a while back about
someone wanting to run APRS on the FRS radios. I don't
remember the outcome and I can't seem to find anything
in the archives. I have 2 questions:
    1. Is it "legal" to run packet (APRS) in the FRS
band?
    2. Is it technically possible to send 1200 baud
data over the 2.5KHz narrow band FM FRS channels using
"standard" packet modems?

    Thanks,
    Jim Korenz N8PXW

_____
Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

63. [htaprs] Re: FRS Radios and APRS

From: Ken Cechura <kcechura@umr.edu>
Date: Thu, 25 Oct 2001 14:51:35 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43528-2001.10.25-15.17.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

if you're looking for a licence free place to run APRS, why not use
MURS? as far as i know (I know motorola is pushing for otherwise) you can
transmit anything on MURS (data or phone), and you get higher power (2
watts), granted, there arent 14 channels (only 6, i believe), but its an idea.

At 12:40 PM 10/25/2001 -0700, Jim Korenz wrote:
>Hi All,
>   I seem to remember a thread a while back about
>someone wanting to run APRS on the FRS radios. I don't
>remember the outcome and I can't seem to find anything
>in the archives. I have 2 questions:
>   1. Is it "legal" to run packet (APRS) in the FRS
>band?
>   2. Is it technically possible to send 1200 baud
>data over the 2.5KHz narrow band FM FRS channels using
>"standard" packet modems?
>
>   Thanks,
>   Jim Korenz N8PXW
>
>
>_____
>Do You Yahoo!?
>Make a great connection at Yahoo! Personals.
>http://personals.yahoo.com
>
>---
>You are currently subscribed to htaprs as: kcechura@umr.edu
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

      //
     //   Kenneth R. Cechura, KC9UMR   //
    //   kcechura@umr.edu   //
   //   Station Manager, W0EEE   //
  // University of Missouri-Rolla Amateur Radio Club //
//

64. [htaprs] Re: FRS Radios and APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 25 Oct 2001 17:42:33 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43537-2001.10.25-17.08.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 25 Oct 2001, Jim Korenz wrote:

>   1. Is it "legal" to run packet (APRS) in the FRS
> band?

Depends on what you mean by APRS?. If it is a brief "tone" or "tones" for
purpose of establishing or maintianning communications, then it is legal.
SUch as in the APRS PTT mode, where a 0.3 second data burst follows your
release of the PTT button...

>   2. Is it technically possible to send 1200 baud
> data over the 2.5KHz narrow band FM FRS channels using
> "standard" packet modems?

That is clearly illegal. "data" and "digital" are not allowed.

But in the case of the former which is more like a SELCAL or other
Automatic Number Identicicaiton system, the fact that it is "digital" does
not matter, it is legal. But if you are using the channel to send "data"
or "digital" independent of the voice QSO in progress, then it clearly
viloates the intent of the FCC in establishing the FRS system...

Hope that helps..

bob

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65. [htaprs] Re: D-700 TNC Hangs Up - Slow email

From: Skip Allison <sallison@megsinet.net>
Date: Thu, 25 Oct 2001 23:03:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43608-2001.10.25-23.33.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

This message looks like it was sent Monday night but I didn't get it
until Wednesday night. Any idea why it would take 2 days to get here?
Maybe it had to be scanned at the ISP for anthrax?

Skip
K9SA

Julian Frost wrote:
>
> On Mon, 22 Oct 2001, Byron Smith wrote:
>
> >   I dont know if I have seen it hang when changing modes.
>
> For me, it's not when changing modes... it's when you touch *any* button
> on the front, it tries to open the TNC and it locks up.
>
> > One thing I do see when using the TNC within the D700 radio with an
> > external APRS laptop running on the serial line, is the radio locks
> > into transmit mode (but not right away).
>
> Yup. I have this too, but unlike you, mine locks on transmit immediately
> upon exiting WinAPRS.
>
> > To clear it, I have to recycle the radio off then back on with the
> > radios ON/OFF button. It never locks up when the internal APRS
> > function is running in the radio. Only when I use the radio and TNC
> > with an external APRS program does it do this.
>
> Exactly.
>
> > I have tried three different laptops and they all do this. When the
> > radio is locked on the air, its continuously sending opening "flags"
> > as heard in another 2M radio.
>
> I've tried two different D700 radios. They both did this. I snipped your
> diagnosis, because as I said earlier, the D700 locks up immediately upon
> exiting WinAPRS.
>
> Julian
>
> ---
> You are currently subscribed to htaprs as: wl7ro@fastolfe.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
> ---
> You are currently subscribed to htaprs as: sallison@megsinet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

66. [htaprs] Re: FRS Radios and APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 26 Oct 2001 03:07:46 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43645-2001.10.26-03.34.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 04:42 PM 10/25/01, Bob Bruninga wrote:

>Depends on what you mean by APRS?. If it is a brief "tone" or "tones" for
>purpose of establishing or maintianning communications, then it is legal.
>SUch as in the APRS PTT mode, where a 0.3 second data burst follows your
>release of the PTT button...

Whatever happened to the FCC variance granted to Garmin for their FRS/GPS
combo?   If I recall correctly, one was supposed to be able to transmit
locations from one unit to another...

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

67. [htaprs] RE: HP Jornada for APRS

From: "R. Wittner" <rmw@rwa-inc.com>
Date: Fri, 26 Oct 2001 10:26:27 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43685-2001.10.26-09.52.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Found it at my local Staples for $199. Nice device - small, light, aluminum
case, 133MHz CPU, CompactFlash slot, bright color screen, new Pocket PC OS,
and the best part - for APRS anyway - it comes with a _serial_ sync cable
instead of USB. Pop a null modem on the end of the cable, and you're in
business...

It doesn't appear to be a discontinued product - just HP's attempt to gain
some market share at the lower end of the market.

No, I don't work for HP - it's just nice to have an inexpensive platform
recommendation to run my software on.

   -Rob
    KZ5RW

-----Original Message-----
From: bounce-htaprs-3572@lists.tapr.org
[mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of NRZ
Sent: Wednesday, October 24, 2001 8:42 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] HP Jornada for APRS

For those of you waiting for a good deal on a PDA, Office Depot has HP
Jornada 525's for 199$. 16Mb, color screen, Compact flash expansion slot...
here's a link:
http://www.officedepot.com/shop/search/skuResults.asp?type=2&DIV%5FID=17&CAT
G%5FID=1704&ANDOR=&WILDCARDS=&STEMMING=&advancedqu=525&SID=QQ2K01V8J7JX9MQM3
G27U64BNT261DL8&PP=0

Any updates on APRS CE? Any "gotta have" ham programs for CE?

Nick
K4VFR
www.photonick.net

You are currently subscribed to htaprs as: RMW@RWA-INC.COM
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
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---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

68. [htaprs] PC Sat - What am I doing wrong?

From: BMcLarty@trustmark.com
Date: Fri, 26 Oct 2001 15:01:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43745-2001.10.26-15.27.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I heard W3ADO-1 during Jamboree on the Air last Saturday. Now I'd like to
have it digipeat me in central Mississippi. I'm near the corner of 32N lat
and 90W lon.

Using my regular D7AG installed in the Jeep cup holder, attached to GPS III
and on-glass dual band antenna, I have heard nothing during several good
passes this week. I change to 145.825, set packet path to W3ADO-1, and
turn POS limit off. I beacon by pressing Bcn button off and on. Still no
"My Position". Is the bird asleep during the week like AO-27 sometimes is
(was?)? Is it also operating on 144.390?

I am pretty sure I was listening at the right times. I've used PocketSat
in my Palm and WinOrbit on the PC to calculate passes. My Keps are the
most recent.

I'd really like to play this weekend. What have I missed? Thanks.

Bill McLarty, KM5GE
Jackson, Mississippi

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

69. [htaprs] Update: What GPS to use? (and laptop interference?)

From: "Joseph Collins Conover" <collinz@bellsouth.net>
Date: Fri, 26 Oct 2001 17:43:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43753-2001.10.26-18.09.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A few months ago I wrote my first post to the group asking for advice with
GPS units. Overwhelmingly, many supported the Garmin GPS III+. I received
my III+ on Wednesday, and I just completed soldering a wire to connect with
my TH-D7. Everything is working wonderfully, and I really like the Garmin
a lot! Thanks goes out to all who offered their suggestions.

Sidenote: I've noticed that my D7 picks up fewer station reports when wired
to my computer running WinAPRS through "packet" mode. I use a laptop and
wonder if it interferes with signal sensitivity. This shouldn't be a big
problem if I replace the laptop with the Garmin, but it would be helpful to
understand the problem.

Collins - KG4OFW

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

70. [htaprs] Re: PC Sat - What am I doing wrong?

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 26 Oct 2001 19:08:30 -0400 (EDT)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-43764-2001.10.26-18.34.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It should be there.
No matter what mode it is in, it will always digipeat via W3ADO-1

But try listening 5 KHz high during approach. We think it may be a little
high..

bob

On Fri, 26 Oct 2001 BMcLarty@trustmark.com wrote:

> I heard W3ADO-1 during Jamboree on the Air last Saturday. Now I'd like to
> have it digipeat me in central Mississippi. I'm near the corner of 32N lat
> and 90W lon.
>
> Using my regular D7AG installed in the Jeep cup holder, attached to GPS III
> and on-glass dual band antenna, I have heard nothing during several good

> passes this week. I change to 145.825, set packet path to W3ADO-1, and
> turn POS limit off. I beacon by pressing Bcn button off and on. Still no
> "My Position". Is the bird asleep during the week like AO-27 sometimes is
> (was?)? Is it also operating on 144.390?
>
> I am pretty sure I was listening at the right times. I've used PocketSat
> in my Palm and WinOrbit on the PC to calculate passes. My Keps are the
> most recent.
>
> I'd really like to play this weekend. What have I missed? Thanks.
>
> Bill McLarty, KM5GE
> Jackson, Mississippi
>
>
>
> ---
> You are currently subscribed to htaprs as: BRUNINGA@NADN.NAVY.MIL
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

de WB4APR@amsat.org, Bob

PCsat WEB page   http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

71. [htaprs] RE: PC Sat - What am I doing wrong?

From: "Hector Figueroa" <hfigueroa@yahoo.com>
Date: Fri, 26 Oct 2001 18:08:25 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43771-2001.10.26-20.34.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Bill, I would bet the through the glass antenna may be a problem for you.

73 Hector

-----Original Message-----
From: bounce-htaprs-13959@lists.tapr.org
[mailto:bounce-htaprs-13959@lists.tapr.org]On Behalf Of
BMcLarty@trustmark.com
Sent: Friday, October 26, 2001 1:02 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] PC Sat - What am I doing wrong?

snip
Using my regular D7AG installed in the Jeep cup holder, attached to GPS III
and on-glass dual band antenna, I have heard nothing during several good
passes this week. I change to 145.825, set packet path to W3ADO-1, and
turn POS limit off. I beacon by pressing Bcn button off and on. Still no
"My Position". Is the bird asleep during the week like AO-27 sometimes is
(was?)? Is it also operating on 144.390?

snip

_____

Do You Yahoo!?

Get your free @yahoo.com address at http://mail.yahoo.com

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

72. [htaprs] PCsat.findu.com

From: Cal Spreitzer <n3cal@starpower.net>
Date: Sat, 27 Oct 2001 10:05:51 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43849-2001.10.27-09.32.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone else besides me having problems getting to http://
pcsat.findu.com? I've been getting a message "Internal Server Error"
.   Is the site down?

73 de Cal
N3CAL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

73. [htaprs] Re: PCsat.findu.com

From: "Roger Bille" <roger.bille@telia.com>
Date: Sat, 27 Oct 2001 16:28:47 +0200
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43854-2001.10.27-09.54.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Cal,

 The complete findu.com server is not accessible, except a default home
page. Nobody know why and nothing has been heard from the operator K4HG.

 73 de sm5nrk/Roger

----- Original Message -----
From: "Cal Spreitzer" <n3cal@starpower.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, October 27, 2001 4:05 PM
Subject: [htaprs] PCsat.findu.com

> Anyone else besides me having problems getting to http://
> pcsat.findu.com? I've been getting a message "Internal Server Error"
> .   Is the site down?
>
> 73 de Cal
> N3CAL
>
>
> ---
> You are currently subscribed to htaprs as: roger.bille@telia.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

74. [htaprs] D7 In Aviation Band back to Ham Bands

From: "Mike Newland" <mnewland@one.net>
Date: Sat, 27 Oct 2001 10:33:57 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43855-2001.10.27-09.56.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Can not remember the keystrokes to get my D7 out of listening to the Aviationband and back in to the ham bands. Help.

75. [htaprs] RE: D7 In Aviation Band back to Ham Bands

From: "Hector Figueroa" <hfigueroa@yahoo.com>
Date: Sat, 27 Oct 2001 08:05:08 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43862-2001.10.27-10.31.20--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

simply go to the vfo and key in any two meter frequency and it will go back
to the ham bands for the memory channels.

73 Hector
  -----Original Message-----
  From: bounce-htaprs-13959@lists.tapr.org
[mailto:bounce-htaprs-13959@lists.tapr.org]On Behalf Of Mike Newland
  Sent: Saturday, October 27, 2001 8:34 AM
  To: TAPR Hot Technology APRS
  Subject: [htaprs] D7 In Aviation Band back to Ham Bands

  Can not remember the keystrokes to get my D7 out of listening to the
Aviationband and back in to the ham bands. Help.

76. [htaprs] RE: D7 In Aviation Band back to Ham Bands

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Sat, 27 Oct 2001 08:48:16 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43877-2001.10.27-11.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

OR: Press the Function P/B, "F" and then the A/B button which states BAND
in blue above it.

Herb
  -----Original Message-----
  From: bounce-htaprs-9461@lists.tapr.org
[mailto:bounce-htaprs-9461@lists.tapr.org]On Behalf Of Hector Figueroa
  Sent: Saturday, October 27, 2001 8:05 AM
  To: TAPR Hot Technology APRS
  Subject: [htaprs] RE: D7 In Aviation Band back to Ham Bands

  simply go to the vfo and key in any two meter frequency and it will go
back to the ham bands for the memory channels.

  73 Hector
    -----Original Message-----
    From: bounce-htaprs-13959@lists.tapr.org
[mailto:bounce-htaprs-13959@lists.tapr.org]On Behalf Of Mike Newland
    Sent: Saturday, October 27, 2001 8:34 AM
    To: TAPR Hot Technology APRS
    Subject: [htaprs] D7 In Aviation Band back to Ham Bands

    Can not remember the keystrokes to get my D7 out of listening to the
Aviationband and back in to the ham bands. Help.

77. [htaprs] Starshine 3

From: Cal Spreitzer <n3cal@starpower.net>
Date: Sat, 27 Oct 2001 12:43:35 -0400
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-43885-2001.10.27-12.09.59--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Anyone had any luck copying Starshine 3 9600 Baud Telemetry? I've tried
several passes with the Th-D7 but hear nothing?

Cal Spreitzer
N3CAL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

78. [htaprs] RE: PCsat.findu.com

From: "R. Wittner" <rmw@rwa-inc.com>
Date: Sun, 28 Oct 2001 10:57:32 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44090-2001.10.28-11.37.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Last I heard, Steve (K4HG), was on the "Linux Lunacy" Geek Cruise
(www.geekcruises.com), and was incommunicado.

I'm sure he'll be attending to the server as soon as he returns.

   -Rob
    KZ5RW

-----Original Message-----
From: bounce-htaprs-3572@lists.tapr.org
[mailto:bounce-htaprs-3572@lists.tapr.org]On Behalf Of Roger Bille
Sent: Saturday, October 27, 2001 10:29 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: PCsat.findu.com

 Cal,

 The complete findu.com server is not accessible, except a default home
page. Nobody know why and nothing has been heard from the operator K4HG.

 73 de sm5nrk/Roger

----- Original Message -----
From: "Cal Spreitzer" <n3cal@starpower.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Saturday, October 27, 2001 4:05 PM
Subject: [htaprs] PCsat.findu.com

> Anyone else besides me having problems getting to http://
> pcsat.findu.com? I've been getting a message "Internal Server Error"
> .   Is the site down?
>
> 73 de Cal
> N3CAL
>
>
> ---
> You are currently subscribed to htaprs as: roger.bille@telia.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

79. [htaprs] Fw: [aprsnews] findu.com

From: "Michael Reed" <mreed@ix.netcom.com>
Date: Sun, 28 Oct 2001 22:34:12 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44194-2001.10.29-00.59.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Steve Dimse" <k4hg@tapr.org>
To: "APRS Announcements" <aprsnews@lists.tapr.org>
Sent: Sunday, October 28, 2001 2:54 PM
Subject: [aprsnews] findu.com

> Please forward to all APRS related lists....
>
> As most of you know, findu.com has been down for a couple days. I've been
> on a geek cruise, Linux Lunacy, for the last week, when I got back I
> discovered the cause was a hard disk crash.
>
> I have switched over www.findu.com to point to the backup machine. This
> machine does not have every functionality of the other machine,
> specifically the latest graphic stuff like radar maps and the new

> breadcrumb stuff. Also the PCSat page is not available. I'm a bit busy
> now, but I hope to get the system brought up to date over the next week.
> Sorry for the problems.
>
> Steve K4HG
>
> ---
> You are currently subscribed to aprsnews as: mreed@ix.netcom.com
> To unsubscribe send a blank email to leave-aprsnews-23371U@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

80. [htaprs] D7A/D700 packet format question

From: William Robison <william-robison@uiowa.edu>
Date: Mon, 29 Oct 2001 14:44:16 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44265-2001.10.29-15.11.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Have you seen information abou the
APRS format expected/processed by
the D700/D7A.
   I'm attempting to deliver text to
a pair of these, but it seems to be
difficult to format a packet that will
be accepted by both.
   In addition the D700 seems to be a
bit finickey about processing voice
messages (i.e. with a "%" at the begining
to trigger the voice synthesiser)

regards
-Willy
William Robison
KC0JFQ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

81. [htaprs] RE: D7A/D700 packet format question

From: "Bathgate, Ed" <Ed.Bathgate@marconi.com>
Date: Mon, 29 Oct 2001 15:52:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44267-2001.10.29-15.18.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Willy

I plead ignorance on the D7, but...
I have been playing with the D700 with the
voice synth. The only way I have been able
to get it to talk is by sending it a message,
directly to my callsign.

I have not tried to send a voice % message to
a blna or group address, but I plan to try that
tonight as an experiment.

I was unable to get it to trigger the speech
from a normal aprs beacon or position report.

What have you found as far as the finickeyness?

Ed N3SDO

-----Original Message-----
From: William Robison [mailto:william-robison@uiowa.edu]
Sent: Monday, October 29, 2001 3:44 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] D7A/D700 packet format question

Have you seen information abou the
APRS format expected/processed by
the D700/D7A.
   I'm attempting to deliver text to
a pair of these, but it seems to be
difficult to format a packet that will
be accepted by both.
   In addition the D700 seems to be a
bit finickey about processing voice
messages (i.e. with a "%" at the begining
to trigger the voice synthesiser)

regards
-Willy
William Robison
KC0JFQ

You are currently subscribed to htaprs as: Ed.Bathgate@marconi.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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November 2001

Original source file: htaprs.0111
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0111

1. [htaprs] A seconed chance for Sky Command

From: "Ron & Cheryl Karger" <ab8dt@arrl.net>
Date: Thu, 1 Nov 2001 19:26:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44720-2001.11.01-18.42.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I hope we all can make time to comment about this one! This is a great system. Pass the word!
Ron Karger AB8DT
FCC Puts Kenwood "Sky Command" Petition on Public Notice
NEWINGTON, CT, Oct 24, 2001--The FCC has put on public notice a rulemaking petition from Kenwood Communications Corporation requesting that the FCC relax restrictions on Amateur Radio auxiliary station operation. The FCC assigned the rulemaking number RM-10313 to the petition and opened the request for public comment. The petition marks the latest effort by the Amateur Radio equipment manufacturer to make its "Sky Command" remote station control system legal.

Kenwood seeks a change in Part 97 rules that would expand permission to operate an auxiliary station on all 2-meter frequencies above 144.5 MHz, except on 145.8 to 146.0 MHz. While not mentioning Sky Command by name, Kenwood said the proposed rule change "would allow the development and use by amateurs of new technology devices and increase the utility of the limited amateur allocations." Current FCC rules limit auxiliary operation to certain frequencies above 222.15 MHz.

In July 2000, the FCC declared that use of the Sky Command did not comply with Amateur Service rules--specifically Section 97.201(b)--and declined to grant a waiver make it legal. The ARRL commented in opposition to Kenwood's earlier efforts to have the system declared to be in compliance, and it refused to permit Sky Command advertisements in QST.

Sky Command lets a user control a fixed HF station via a pair of dual-band transceivers. It operates in full duplex, using a 70-cm frequency to transmit audio and control commands to a dualband transceiver at the remote station and a 2-meter frequency to transmit received audio via the remote station's Sky Command transceiver to the operator's transceiver.

In its latest Petition for Rule Making filed May 1, Kenwood asserted that auxiliary operation is "poorly defined" in the FCC rules and "significantly overregulated." Kenwood described its remote-control system as "an innovative product" and argued that present limitations on auxiliary operation no longer are appropriate in today's amateur environment and "should be withdrawn in order to enhance amateur operation in the 2-meter VHF band."

Kenwood said it agrees that the 2-meter band is crowded in many areas, but the "short-duration, itinerant" type of auxiliary operation it envisions can be accommodated on FM simplex frequencies in accordance with ARRL or local band plans. "It is now time "to take the next logical step in the progress of deregulation of amateur auxiliary stations and to relieve the strict frequency limitations applied to auxiliary stations," Kenwood concluded.

Amateurs may view and comment on the Kenwood proposal via the FCC's Electronic Comment Filing Service (ECFS).

---

2. [htaprs] Re: A seconed chance for Sky Command

From: "Doc - KD4E" <e.net@verizon.net>
Date: Fri, 2 Nov 2001 00:04:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44763-2001.11.01-23.30.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> I hope we all can make time to comment about this one!
> This is a great system. Pass the word!
> Ron Karger AB8DT
> FCC Puts Kenwood "Sky Command" Petition on Public Notice

Why encourage the "pollution" of 2M -- just tell Kenwood to redesign their
hardware and to use 220, 440, 1.2, etc!

This is just self-serving profit-driven stuff. I don't see the value added
for
Amateur Radio on already crowded 2M when alternatives are plentiful.
Kenwood is just being stubborn instead of technologically creative.

IMHO, YMMV, etc.

Thanks! & 73, Doc KD4E
~~~~~~
~~~~~~

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Re: A seconed chance for Sky Command

From: Phillip Clark <pbclark1@attglobal.net>
Date: Fri, 02 Nov 2001 00:42:53 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44783-2001.11.02-03.09.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I live in the SF Bay area, and I hear very little activity on 2 meters.
I can't imagine it would interfere that much. 10 years ago, it might
have made a difference, but not today.

Phil   KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: A seconed chance for Sky Command

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Fri, 02 Nov 2001 08:15:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-44811-2001.11.02-08.41.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>> I hope we all can make time to comment about this one!
>> This is a great system. Pass the word!
>> Ron Karger AB8DT
>> FCC Puts Kenwood "Sky Command" Petition on Public Notice
>
>Why encourage the "pollution" of 2M -- just tell Kenwood to redesign their
>hardware and to use 220, 440, 1.2, etc!
>
>This is just self-serving profit-driven stuff. I don't see the value added
for
>Amateur Radio on already crowded 2M when alternatives are plentiful.
>Kenwood is just being stubborn instead of technologically creative.

I don't know about your area, but 2M in many areas that I have been through
(parts of 0 and 9 land) are pretty idle. So, it would seem that in some areas
it would not be a problem. Kenwood has, of course, already created equipment
with this functionality, and thus shot themselves in the foot...

I think that it's a useful feature. I'd be one step closer to buying a B2000
if I knew I could use my TH-D7A to access it from anywhere in my house and
neighborhood. Heck, it would make it trivial to do HF demonstrations for kids
at the local school and in the neighborhood while just out walking...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] Re: A seconed chance for Sky Command

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 2 Nov 2001 09:46:33 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-44817-2001.11.02-09.12.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > FCC Puts Kenwood "Sky Command" Petition on Public Notice
>
> Why encourage the "pollution" of 2M -- just tell Kenwood to redesign their
> hardware and to use 220, 440, 1.2, etc!... This is just self-serving
> profit-driven stuff.... I don't see the value added for

> Amateur Radio on already crowded 2M when alternatives are plentiful.
> Kenwood is just being stubborn instead of technologically creative.

Hummh. I disagree. I see a tremendous value added.

I also do not see the 2m band crowded AT ALL. With over 100 voice
repeaters in the greater Balto/WashDC area in range, there are only about
a dozen in use even during rush hours!

Except for the 3 or 4 big commuter repeaters, the 2m band is a big
wasteland of fiercly defended but almost totally unused spectrum.

And in my opinion, the Sky Command is fully legal as is and kenwood was
very technologically creative in making it all work out that way.. It
fully places ALL of its command link on UHF. Only the return audio is on
2m. It was only some backwards thinking nit-picking old fuds at the ARRL
that convinced the FCC that it was "illegal". I doubt the FCC could care
less. Especially since QST has been advertising for 10 years or more,
several other remote control devices that work on the 2m band...

So, I think the SKY COMMAND is a great idea and a great use of available
spectrum. But again, that's just my opinion...

Bob, WB4APR

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: A seconed chance for Sky Command

From: "Rich Carter" <rich.carter@windriver.com>
Date: Fri, 2 Nov 2001 10:13:31 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44819-2001.11.02-09.38.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've never been able to get it to work for distances greater than a few
hundred yards; no matter how much power or what kind of antenna. Since it
appears to be illegal, I gave up on it.

Rich KE1EV

> > FCC Puts Kenwood "Sky Command" Petition on Public Notice
snip...

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7. [htaprs] Re: A seconed chance for Sky Command

From: Ben Woodard <ben@zork.net>
Date: Fri, 02 Nov 2001 09:43:05 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44836-2001.11.02-12.10.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> > I hope we all can make time to comment about this one!
> > This is a great system. Pass the word!
> > Ron Karger AB8DT
> > FCC Puts Kenwood "Sky Command" Petition on Public Notice
>
> Why encourage the "pollution" of 2M -- just tell Kenwood to redesign their
> hardware and to use 220, 440, 1.2, etc!

In quite a few places 2M is not really crowded. I can scan 2M all day
around these parts and only pick up a couple conversations. What
problem be to allow two handhelds to 5W handhelds to communicate?

I think that in certain areas 2M is very crowded and there people
should use discression and not consume bandwidth which may be put to
better usebut why make it a rule for everyone? Especially those people
who live in rural areas?

-ben

>
> This is just self-serving profit-driven stuff. I don't see the value added
> for
> Amateur Radio on already crowded 2M when alternatives are plentiful.
> Kenwood is just being stubborn instead of technologically creative.
>
> IMHO, YMMV, etc.
>
> Thanks! & 73, Doc KD4E
> ~~~~~~
>
>
>
> ---
> You are currently subscribed to htaprs as: ben@zork.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: A seconed chance for Sky Command

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Fri, 2 Nov 2001 22:56:53 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44878-2001.11.02-17.23.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Doc - KD4E" <e.net@verizon.net> wrote:-

>> FCC Puts Kenwood "Sky Command" Petition on Public Notice

>This is just self-serving profit-driven stuff. I don't see the value added for Amateur Radio on
already crowded 2M when alternatives are plentiful. Kenwood is just being stubborn instead of
technologically creative.

As a couple of UK hams (Carol, G1UGK) we own a pair and have regretted the flexibility of the US licence
 in this area for many years compared with the UK licence, or so we thought. It is a facility that
would be good to have in the UK, especially as the RSGB introduced a change to 2M which has reduced
dramatically the amount of 2M activity.
--
Alan R Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML, using a Psion 5mx & Nokia 6210e at 9.6Kb.

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9. [htaprs] ADMIN: Monthly Reminder

From: Stan Horzepa <stanzepa@earthlink.net>
Date: Sat, 03 Nov 2001 09:39:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-44984-2001.11.03-09.06.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in
discussing the new, hot technologies related to APRS (for example, the
APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like ³what kind of car should I buy for my new Kenwood transceiver?²) may be considered off-topic. If you start a message with ³this is off-topic□² then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] Motor cycle tracker……

From: Chris Nelson <n7elu@teleport.com>
Date: Mon, 05 Nov 2001 01:39:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45289-2001.11.05-01.03.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Does any one have experience with mounting an antenna on a sport cycle? Im interested in mounting a tasteful antenna that will give better sensitivity than a rubber duck or similar.
Also, does any one have any experience powering a HT (D7ag) from the
6 volt power supply on a cycle. I would like to have a 6-9 volt step up/filter to get the 5 watt output but am not sure where to find one capable of a couple of amps needed to power the radio on transmit.
Is a relay,wide path setting the best for a trip that will cover territory from
Florida to Southern California? would like to use this as a great way to show friends and family how "cool" aprs is in being able to track my travels & progress.

Thanks for any assistance.
Chris

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11. [htaprs] Pin too long?

From: Ben Woodard <ben@zork.net>
Date: Mon, 05 Nov 2001 07:58:20 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45317-2001.11.05-10.26.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I got a new comet SMA24 antenna which I really like. It really works much better than the rubber duck that comes with the D7A. However, it is a bit on the unweildy/fragile side. My plan was to use the comet when I'm in marginal areas where I need the extra gain and use the OEM rubber duck when I wanted to optimize for portability. The problem is that the comet antenna seems to have damaged my radio's SMA connector such that it is the only antenna that works. I suspect that the comet's center pin is just a wee bit too long and that it pushed or ground down the center connector for radio's SMA connector.

My questions are these:

Does this sound like a reasonable analysis?

Has anyone else had this problem?

Is there any way to repair it short of getting kenwood to install a new SMA connector on my radio and trying to knock a 1/2mm off the pin in the comet antenna?

-ben

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12. [htaprs] Re: Motor cycle tracker.....

From: Matt Steinhoff <mls@steinhoff.net>
Date: Mon, 5 Nov 2001 11:05:27 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45318-2001.11.05-10.32.07--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> 5 watt output
> territory from Florida to Southern California?

A few weeks ago, I got back from a round trip between Orlando and Santa Fe, New Mexico. At 35W with a three-dBish gain external antenna, I had fairly good coverage from Florida along I-10 to the east side of Texas and around towns with populations of more than 125,000. Everywhere else was dead till I got to New Mexico (which has great coverage throughout the state). Most of rural Texas (which is most of Texas) was deaf.

On the way home, I took the northern route through the top of Texas and parts of Oklahoma. That path was dead the entire way.

At 35 watts, I had 70% coverage along I-10 and 95% coverage in New Mexico. At just five or six watts, I don't think I would have even reached 10% coverage on the trip.

Last July, I did mostly the same trip as well as a trip up to Ohio before I picked up the amp for my D7 but with the same antenna. Even sending a report every three minutes, there were hundreds of mile stretches during which I was never heard.

I don't mean to discourage you. Be sure and take the rig with you. Just don't get your hopes up too high. At five watts (or even 35 watts), coverage is still very spotty outside big cities. That's a shame, too. It's the middle of nowhere that APRS could be the most nifty.

My most recent APRS path was R,W,W. It seemed to work better than R,W3 did on the Ohio trip.

Matt

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Re: Motor cycle tracker.....

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Mon, 5 Nov 2001 11:30:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45326-2001.11.05-10.57.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Matt,

Your success rate might have been better than you thought. If you were just looking for your received packets to be decoded on your Kenwood you might have missed a few due to noise or multipath on your end. I have problems receiving packets while underway but stopped with the engine off it works ok in fringe areas.

People using findyou might be able to see your location when you are unable to decode packets. This is the fun of Ham radio pushing the range to the max!

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net

> -----Original Message-----
> From: Matt Steinhoff [SMTP:mls@steinhoff.net]
> Sent: Monday, November 05, 2001 11:05 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Re: Motor cycle tracker.....
>
> > 5 watt output
> > territory from Florida to Southern California?
>
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> between Orlando and Santa Fe, New Mexico. At 35W
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> populations of more than 125,000. Everywhere else
> was dead till I got to New Mexico (which has great
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> Texas (which is most of Texas) was deaf.
> On the way home, I took the northern route
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> That path was dead the entire way.
> At 35 watts, I had 70% coverage along I-10 and
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> watts, I don't think I would have even reached 10%
> coverage on the trip.
> Last July, I did mostly the same trip as well
> as a trip up to Ohio before I picked up the amp
> for my D7 but with the same antenna. Even sending
> a report every three minutes, there were hundreds
> of mile stretches during which I was never heard.
> I don't mean to discourage you. Be sure and
> take the rig with you. Just don't get your hopes
> up too high. At five watts (or even 35 watts),
> coverage is still very spotty outside big cities.
> That's a shame, too. It's the middle of nowhere
> that APRS could be the most nifty.
> My most recent APRS path was R,W,W. It seemed
> to work better than R,W3 did on the Ohio trip.
>
> Matt
>
> ---
> You are currently subscribed to htaprs as: hazen@indiana.edu
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] Re: Pin too long?

From: "Gregg G. Wonderly" <gregg@skymaster.c2-tech.com>
Date: Mon, 05 Nov 2001 12:42:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-45341-2001.11.05-13.09.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>I suspect that the
>comet's center pin is just a wee bit too long and that it pushed or
>ground down the center connector for radio's SMA connector.
...
>Does this sound like a reasonable analysis?

Is the center pin bent, and wobbling around while you twist it? I'd think
that this would be a more likely scenario than too long. That would make the
pin receptical become two wide for other, straight pins to make contact...

-----
gregg@c2-tech.com (C2 Technologies Inc)

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: Motor cycle tracker.....

From: Phil Reed <preed@dnaco.net>
Date: Mon, 05 Nov 2001 16:56:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45357-2001.11.05-16.26.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----BEGIN PGP SIGNED MESSAGE-----
Hash: SHA1

At 01:39 AM 11/5/2001 -0500, Chris Nelson wrote:
>   Does any one have experience with mounting an antenna on a sport
>cycle? Im interested in mounting a tasteful antenna that will give
>better sensitivity than a rubber duck or similar.

I don't know about tasteful, but you might consider a half-wave vertical of
some kind. It won't need a ground plane, which would probably be easier on
a bike.

- ---

...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

-----BEGIN PGP SIGNATURE-----
Version: PGPfreeware 7.0.3 for non-commercial use <http://www.pgp.com>

iQA/AwUBO+cLAYl0VBXuaP/UEQJdjACg71vx9SmoSQFhVT4+shSJmku+hXQAoLnf
JjpC+FCuaGF4YRcD/vXYB7AW
=Xkvs
-----END PGP SIGNATURE-----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Re: Motor cycle tracker.....

From: "Darryl Smith" <Darryl@radio-active.net.au>
Date: Tue, 6 Nov 2001 19:20:58 +1100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45491-2001.11.06-02.50.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

G'Day

I have had experience with it... But it was not quite un-obtrusive. For
the olympics the APRS antenna was on a 2-3 meter pole on the back of the
cycle, with APRS, two other 2-way serivces and a microwave dish....
Performance was good, but we were using a helicopter as a digi....

I have also mounted an antenna on a children's scooter... I picked up a
12 inch mag mount (144, 440, 800 MHz) from HRO in Burbank, and mounted
it on the front handlebar from about 1/2 way up, and cable tied it on...
Worked well for short range [200m], but then again I was running 5W.
Cool toy... I got a photo of this with APRS gear in front of trophy
cabinet of the company I was doing the demo for [They had 8 emmy awards
and an acadamy award].

Darryl

Darryl Smith, VK2TDS   POBox 169 Ingleburn NSW 2565 Australia
Mobile Number 0412 929 634 [+61 4 12 929 634 International]
Darryl@radio-active.net.au | www.radio-active.net.au for domain names

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: Pin too long?

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Tue, 6 Nov 2001 10:30:30 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45556-2001.11.06-12.06.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Gregg G. Wonderly" <gregg@skymaster.c2-tech.com> wondered:

>Is the center pin bent, and wobbling around while you twist it? I'd think
>that this would be a more likely scenario than too long. That would make
the
>pin receptical become two wide for other, straight pins to make contact...

I think Gregg hit the nail on the head: examine the center socket for
spreading.

There is a typical design defect in SMA duckies. They omit the free-rotating
threaded collar that lets the electrical parts mate with zero rotation. The
oft-quoted and oft-lamented rating of 500 connection cycles (same as the BNC
spec, according to the data sheets) may very well not be achieved in typical
use.

73,
Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] Re: Pin too long?

From: Norman Huber <n9zks@earthlink.net>
Date: Tue, 06 Nov 2001 22:42:52 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: Ben Woodard <ben@zork.net>
Message-ID: <LYR845-45614-2001.11.06-23.15.24--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben Woodard wrote:
>
> I got a new comet SMA24 antenna which I really like. It really works
> much better than the rubber duck that comes with the D7A. However, it
> is a bit on the unweildy/fragile side. My plan was to use the comet
> when I'm in marginal areas where I need the extra gain and use the OEM
> rubber duck when I wanted to optimize for portability. The problem is
> that the comet antenna seems to have damaged my radio's SMA connector
> such that it is the only antenna that works. I suspect that the
> comet's center pin is just a wee bit too long and that it pushed or
> ground down the center connector for radio's SMA connector.

>
> My questions are these:
>
> Does this sound like a reasonable analysis?
>
> Has anyone else had this problem?
>
> Is there any way to repair it short of getting kenwood to install a
> new SMA connector on my radio and trying to knock a 1/2mm off the pin
> in the comet antenna?

I have had two SMA24's, the first broke at the top of the reinforced
base. The second has the hinge to avoid the problem. Neither seemed to
damage my D7A. They are decient antennas. Seems to work very well as you
have found.

~~~~~~
---- Norm - N9ZKS
---- Motorcyclist, Bicyclist, Ham, Scouter
---- '87 GoldWing Interstate - Lagniappe Too
---- 41,000 miles - Laissez Les Bon Temps Roulez
---- MARC, WOTI, GWRRA, ABATE, AMA, ARRL
---- http://www.findu.com/cgi-bin/find.cgi?N9ZKS-7
---- For a picture http://www.goldwings.myweb.nl/Gallery19.htm

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: Pin too long?

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 06 Nov 2001 23:39:58 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45646-2001.11.07-02.07.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I bought a Pryme ant similar to the Comet SMA-503, and used it with my
TH-D7 for a while. When I tried to use the stock D7 ant after that, it
would not work. I noticed that the center conductor of the SMA
connector on the radio looked like it was spread apart and not making
contact with the the center pin of the ant.

I measured the pin on the Pryme antenna, and found it was a bit larger
in diameter that the D7 ant, and that it had spread the center conductor
on the radio. I took a tiny screw driver, and carefully closed the
conductor so that it would contact the D7 antenna center pin again.

I took the Pryme ant back to HRO, and looked at other antennas just like
it. They had about 6 in stock, and I measured all of them. Mine was
the only one in the batch that was out of spec, but there may be other
antennas out there whose center pin is too large (poor design or a
manufacturing flaw with poor quality control).

I have also found that some SMA male connectors and adapters found in
surplus stores have center pins that are larger in diameter than the
spec allows.

My advice is to check the pins to make sure they are to spec before you
use them on your radio. Since I have been doing this, I have had no
trouble.

Phil   KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] TM-D700 question

From: Rick Edwards <threepalms@earthlink.net>
Date: Wed, 07 Nov 2001 15:34:51 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45772-2001.11.07-18.02.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain
~~~~~~

Hi,

I'm the proud owner of a TM-D700. I've had it for a couple of months and
am still learning how to use it.

I also have noticed that the outgoing (TX) voice audio is very
"pinched". I mean REALLY tinny and pinched.

Has anybody else noticed or is it just me? There are a couple of us D700
users in the club I'm in and you can really tell when one of us is using
the repeater system.

I've tried swapping mics with a teardrop TM-742 radio. That helped a
little but not nearly enough. Is there a modification that can be done
to help? Somewhere between the mic connector and the first audio
preamp/pre-emphasis circuit (I don't want to mess with that).

Any help or information is greatly appreciated!

73 de K6TVI - Rick

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21. [htaprs] Re: TM-D700 question

From: "Richard Amirault" <ramirault@erols.com>
Date: Wed, 7 Nov 2001 21:39:01 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45812-2001.11.07-21.09.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Did you try switching "bands"?? (transmit voice from Band A?) As I
understand it, the D-700 audio on the "UHF" (band B) side comes from the
factory set quite a bit low. There is a mod (actually an "adjustment") to
increase the deviation on that band in the service manual. I had to do it on
mine.

See: http://www.kb2ljj.com/data/kenwood/TM-D700.htm

Richard Amirault   N1JDU   Boston,
MA, USA
www.erols.com/ramirault   "Go Fly A Kite"
----- Original Message -----
From: "Rick Edwards" <threepalms@earthlink.net>
Subject: [htaprs] TM-D700 question

> I also have noticed that the outgoing (TX) voice audio is very
> "pinched". I mean REALLY tinny and pinched.
>
> Has anybody else noticed or is it just me? There are a couple of us D700
> users in the club I'm in and you can really tell when one of us is using
> the repeater system.
>
> I've tried swapping mics with a teardrop TM-742 radio. That helped a
> little but not nearly enough. Is there a modification that can be done
> to help

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22. [htaprs] display my packet on winaprs

From: "Ted McArthur" <ac7ii@home.com>
Date: Wed, 7 Nov 2001 23:46:24
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-45853-2001.11.08-00.14.44--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a 700 and wondered if there is a way to have it display my
digipeated packets on the computer screen when using Winaprs? It seems that
all my packets are filtered out.

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23. [htaprs] Pryme antenna

From: Barry Bogart <barry_bogart@yahoo.com>
Date: Thu, 8 Nov 2001 21:14:12 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46010-2001.11.08-23.40.55--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

That is the one with the gold base, right? That base
is very fragile anyway. Drop it and it will come
apart. I recommend the MFJ-1717S which is very tough.

TAPR Hot Technology APRS Digest for Wednesday,
November 07, 2001.

1. Re: Pin too long?

Subject: Re: Pin too long?
From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 06 Nov 2001 23:39:58 -0800
X-Message-Number: 1

I bought a Pryme ant similar to the Comet SMA-503, and
used it with my
TH-D7 for a while. When I tried to use the stock D7
ant after that, it
would not work. I noticed that the center conductor
of the SMA
connector on the radio looked like it was spread apart
and not making
contact with the the center pin of the ant.

I measured the pin on the Pryme antenna, and found it
was a bit larger
in diameter that the D7 ant, and that it had spread
the center conductor
on the radio. I took a tiny screw driver, and
carefully closed the
conductor so that it would contact the D7 antenna
center pin again.

I took the Pryme ant back to HRO, and looked at other
antennas just like
it. They had about 6 in stock, and I measured all of
them. Mine was
the only one in the batch that was out of spec, but
there may be other
antennas out there whose center pin is too large (poor
design or a
manufacturing flaw with poor quality control).

I have also found that some SMA male connectors and
adapters found in
surplus stores have center pins that are larger in
diameter than the
spec allows.

My advice is to check the pins to make sure they are
to spec before you
use them on your radio. Since I have been doing this,
I have had no
trouble.

Phil   KD6SP

_____
Do You Yahoo!?
Find a job, post your resume.
http://careers.yahoo.com

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24. [htaprs] Re: Pin too long?

From: Ben Woodard <ben@zork.net>
Date: Mon, 12 Nov 2001 06:12:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46399-2001.11.12-08.42.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> >I suspect that the
> >comet's center pin is just a wee bit too long and that it pushed or
> >ground down the center connector for radio's SMA connector.
> ...
> >Does this sound like a reasonable analysis?
>
> Is the center pin bent, and wobbling around while you twist it? I'd think
> that this would be a more likely scenario than too long. That would make the
> pin receptical become two wide for other, straight pins to make contact...

You hit the nail on the head. The pin in my comment antenna is bent
just a little. I must have gotten the antenna from HRO bent because it
happened after the first time I used it. (I never checked -- silly
me. Live and learn.)

Anyway that being the case, does anyone know of a way to:
1) straighten the pin in the antenna without breaking it off?
2) fix the sma connector in my radio without having to send it kenwood?

-ben

>
> -----
> gregg@c2-tech.com (C2 Technologies Inc)
>
>
>
> ---
> You are currently subscribed to htaprs as: ben@zork.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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25. [htaprs] HP Jornada 525 Use for APRS

From: "Sheri/Jerry/Amy" <tags@hctc.com>
Date: Mon, 12 Nov 2001 13:29:29 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46432-2001.11.12-15.55.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It seems I read a message regarding the use of the subject PDA for APRS. If
it can be used, what software is being used and is there any special wiring
diagram that I should know about to connect my TH-D7? It was confirmed that
pocketaprs only works with palm OS PDA's.

Thank you for any help you can offer.

Jerry; DE N7YGE

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26. [htaprs] what does this mean

From: "Ben Lindner" <vk5jfk@austarnet.com.au>
Date: Thu, 15 Nov 2001 02:22:00 +1030
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46699-2001.11.14-10.17.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All,

I was playing with PCSAT yesterday and after I Tx the letters " oM " came up
on the screen.

Can someone please explain if possible, cant find anything in documentations
to explain this

Ben Lindner - VK5JFK

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27. [htaprs] Re: what does this mean

From: Brian Badger <Brian.Badger@wcom.com>
Date: Wed, 14 Nov 2001 09:22:27 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-46704-2001.11.14-10.48.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ben,

It's an "other Message" meaning a message addressed to someone "other"
than you. The fact that it occurred after your TX says nothing really, just a
coincidence.

--
Brian N0KZ

Ben Lindner wrote:

> Hi All,
>
> I was playing with PCSAT yesterday and after I Tx the letters " oM " came up
> on the screen.
>
> Can someone please explain if possible, cant find anything in documentations
> to explain this
>
> Ben Lindner - VK5JFK
>
> ---
> You are currently subscribed to htaprs as: Brian.Badger@wcom.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
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28. [htaprs] Re: what does this mean

From: Valentino Sarro <sarrov@telusplanet.net>
Date: Wed, 14 Nov 2001 09:25:12 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-46705-2001.11.14-10.52.15--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi...

"oM" = old message.

Tino, VE6SZR
Calgary, ALberta

Ben Lindner wrote:
>

> Hi All,
>
> I was playing with PCSAT yesterday and after I Tx the letters " oM " came up
> on the screen.
>
> Can someone please explain if possible, cant find anything in documentations
> to explain this
>
> Ben Lindner - VK5JFK
>
> ---
> You are currently subscribed to htaprs as: sarrov@telusplanet.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] GUI for D700?

From: "Dennis Hudson, N2LBT" <n2lbt@n2lbt.com>
Date: Wed, 14 Nov 2001 11:35:33 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46706-2001.11.14-11.02.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Is there anyone working an a GUI APRS program (any environment) for the D700
that will function in the native APRS mode?

Dennis, N2LBT

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: what does this mean

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 14 Nov 2001 13:40:21 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-46713-2001.11.14-13.07.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 15 Nov 2001, Ben Lindner wrote:

> Hi All,
>
> I was playing with PCSAT yesterday and after I Tx the letters " oM " came up
> on the screen.

Other persons message. You can add a "*" wildcard to your MESSAGE GROUP
list and you will then see messages between everyone... and very quickly
fill up your MSG RX buffer too!

Bob

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31. [htaprs] off topic BBC

From: RASNM@aol.com
Date: Fri, 16 Nov 2001 10:02:10 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-46982-2001.11.16-09.29.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Delete if your not interested in shortwave listening.

Recently I have taken interest in listening to BBC radio in New Mexico USA. I
am not an experienced shortwave listener, and want to buy an appropriate
radio (any recommendations?) and antenna.

Some interesting data can be found at:

 <A HREF="http://usa.shortwavestore.com/bbc-frequencies.html">BBC Shortwave Frequencies</A>

But I have been confused by the remarks on this page:

 <A HREF="http://www.savebbc.com/">Save the BBC World Service in North America and the Pacific!</A>

As of July 1, 2001, North America and the Pacific are no longer targeted with
shortwave broadcasts by the BBC World Service.

I am aware that some clips of BBC audio can be found on the internet and some
cable services carry the BBC.

Comments by direct email would be appreciated. 73's Ron

32. [htaprs] D700 APRS message indicator problem

From: "Robert J. Chen" <rjchen@Stanford.EDU>
Date: Mon, 19 Nov 2001 22:01:13 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-47759-2001.11.20-00.28.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

My D700, in APRS mode on band A, continually shows a message to be read,
as indicated by the small page symbol followed by 01. Yet, the message
list shows no new message, and even after I've erased all the messages,
the message indicator persists in the main display. It seems to be stuck,
but I'd like not to have to reset the entire radio to get rid of it.
Anybody have any suggestions?

Thanks in advance,
-Robert KG6CFZ

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33. [htaprs] Re: D700 APRS message indicator problem

From: "Charles H. Rahe, II" <crahe@infi.net>
Date: Tue, 20 Nov 2001 09:03:12 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-47773-2001.11.20-08.30.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Try pressing the delete key one more time after the last message is deleted.
I & several others have also had this & the extra delete clears the
indicator.

"Robert J. Chen" wrote:

> Hello all,
>
> My D700, in APRS mode on band A, continually shows a message to be read,
> as indicated by the small page symbol followed by 01. Yet, the message
> list shows no new message, and even after I've erased all the messages,
> the message indicator persists in the main display. It seems to be stuck,
> but I'd like not to have to reset the entire radio to get rid of it.
> Anybody have any suggestions?
>
> Thanks in advance,
> -Robert KG6CFZ
>
> ---
> You are currently subscribed to htaprs as: crahe@infi.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
[Attachment: crahe.vcf; text/x-vcard; 232 bytes]

34. [htaprs] Re: D700 APRS message indicator problem

From: "Robert Chen" <rjchen@stanford.edu>
Date: Tue, 20 Nov 2001 23:13:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-47907-2001.11.20-23.41.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It worked! ;)

Thanks for the info,
-Robert

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] RE: Weather Alerts on D700

From: "Herb Gerhardt, KB7UVC" <gerhardt@hctc.com>
Date: Thu, 22 Nov 2001 11:26:27 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48153-2001.11.22-13.52.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

With all the storm warning going on today, I have been getting a NWS message ("!") every 10 minutes or less! That is OK on my home station but very annoying on my D700 since it fills up my message register in no time and every time I look at it, it has several more new messages indicated for me.

Is there any way of programming the D700 to exclude those messages? I have been looking through the instruction book but can't seem to find a way. If I delete the "ALL" under Message Group, will that prevent other messages from getting to me.

Am trying to set my radio (KB7UVC-8) up for my elk hunting trip on Sunday and do not want to be overwhelmed with these messages.

Thanks,

Herb, KB7UVC
NW APRS Group, West Sound Coordinator
Our WEB Site: www.nwaprs.org
My Home Page:

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] RE: Weather Alerts on D700

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Thu, 22 Nov 2001 22:36:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48211-2001.11.22-23.04.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Don't delete the messages, just look at them (thereby marking them as read). Then, if a message gets transmitted again, the D700 won't re-add it. This keeps your buffer from filling up. The read messages just roll off. This works with both the D7 and the D700.

While there was a post saying that you could exclude NWS messages by altering the bulletin acceptance entry (deleting ALL, etc.), I have not found that that has an affect on NWS messages. I have not, however, done extensive testing in this area as I just look at the messages and keep on rolling (and yes, we do receive TROPIC messages here in the DFW area). The best thing to do is don't use delete for bulletins and NWS messages as both tend to be transmitted multiple times and will simply refill the buffer if the previous entry was deleted. Just bring it up on the screen so it gets marked as read.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Herb Gerhardt, KB7UVC [mailto:gerhardt@hctc.com]
> Posted At: Thursday, November 22, 2001 1:27 PM

> Subject: [htaprs] RE: Weather Alerts on D700
>
>
> With all the storm warning going on today, I have been
> getting a NWS message
> ("!") every 10 minutes or less! That is OK on my home
> station but very
> annoying on my D700 since it fills up my message register in
> no time and
> every time I look at it, it has several more new messages
> indicated for me.
>
> Is there any way of programming the D700 to exclude those
> messages? I have
> been looking through the instruction book but can't seem to
> find a way. If
> I delete the "ALL" under Message Group, will that prevent
> other messages
> from getting to me.
>
> Am trying to set my radio (KB7UVC-8) up for my elk hunting
> trip on Sunday
> and do not want to be overwhelmed with these messages.
>
> Thanks,
>
> Herb, KB7UVC

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] problem with position ambiguity

From: "Robert J. Chen" <rjchen@Stanford.EDU>
Date: Fri, 23 Nov 2001 19:50:10 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48333-2001.11.23-22.17.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello all,

I've found that if I set position ambiguity to greater than 1 on the D700,
it will lop off the first digit in my longitude, changing it from -122 to
-22. Anybody else notice this? And if so, is tehre a fix?

Thanks,
-Robert KG6CFZ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] RE: problem with position ambiguity

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 23 Nov 2001 22:19:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48335-2001.11.23-22.47.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

What are you using to check this? The D700 transmits Mic-E encoded
packets and older versions of WinAPRS, aprsD, and others are notorious
for mangling these posits. I recommend capturing the packet direct from
a TNC and decoding it yourself to make sure it is coming through
correctly.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Robert J. Chen [mailto:rjchen@Stanford.EDU]

> Posted At: Friday, November 23, 2001 9:53 PM
> Subject: [htaprs] problem with position ambiguity
>
>
> Hello all,
>
> I've found that if I set position ambiguity to greater than 1
> on the D700,
> it will lop off the first digit in my longitude, changing it
> from -122 to
> -22. Anybody else notice this? And if so, is tehre a fix?
>
> Thanks,
> -Robert KG6CFZ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] RE: problem with position ambiguity

From: "Robert Chen" <rjchen@stanford.edu>
Date: Fri, 23 Nov 2001 23:6:44
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48340-2001.11.23-23.34.13--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Forgot to mention this before...I'm using findu.com to check my beacons.
Unfortunately, I don't have a separate TNC...

-Robert

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: problem with position ambiguity

From: Bob Bruninga <bruninga@usna.edu>
Date: Sat, 24 Nov 2001 05:40:10 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-48370-2001.11.24-05.08.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 23 Nov 2001, Robert J. Chen wrote:

> Hello all,
>
> I've found that if I set position ambiguity to greater than 1 on the D700,
> it will lop off the first digit in my longitude, changing it from -122 to
> -22. Anybody else notice this? And if so, is tehre a fix?

What client software are you running. SOunds like it has a bug in the
Mic-E decoder...

de WB4APR@amsat.org, Bob

PCsat WEB page   http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] RE: problem with position ambiguity

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sat, 24 Nov 2001 07:35:41 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48391-2001.11.24-08.03.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Instead of doing a find.cgi, do a rawposit.cgi. This will show you the
packet as seen by Findu.com (and the Internet). Your D700 is
functioning correctly. The IGate passing your info to the Internet is
translating your packet to a non-MicE format. The IGate software is not
interpreting your Mic-E packet correctly (known problem with certain
versions of WinAPRS and aprsD).

Hope this helps. By the way, just out of curiosity, why are you adding
ambiguity to your posit?

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Robert Chen [mailto:rjchen@stanford.edu]
> Posted At: Friday, November 23, 2001 11:09 PM
> Subject: [htaprs] RE: problem with position ambiguity
>
>
> Forgot to mention this before...I'm using findu.com to check
> my beacons.
> Unfortunately, I don't have a separate TNC...
>
> -Robert

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] HP660LX and APRS

From: "Jean Paul Pierrepont" <crossbow@kconline.com>
Date: Sat, 24 Nov 2001 10:00:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48400-2001.11.24-09.28.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Was there a shortcut on the cable between the HP660Lx and the THD7A/G ?? did
you have to use a null modem or is there a shortcut to cable it direct.

Is there a site on how to setup these units??

Paul KB9AVO

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] Re: problem with position ambiguity

From: "Robert Chen" <rjchen@stanford.edu>
Date: Sat, 24 Nov 2001 15:32:40
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48447-2001.11.24-16.02.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The radio is not connected to a computer; I'm just sending out reports via
the radio itself right now...
-Robert

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] RE: problem with position ambiguity

From: "Robert Chen" <rjchen@stanford.edu>
Date: Sat, 24 Nov 2001 15:58:42
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48448-2001.11.24-16.26.19--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Thanks for the suggestion. I went to the link
http://www.findu.com/cgi-bin/rawposit.cgi?call=(mycall)&start=48&length=24,
and found one of my beacons:
KG6CFZ>APK101,WR6ABD,K6IXA-3*:@242115z3700.00N/02207.45W-000/000/Mic-E/M0/Off
duty>
I think that 02207.45 should be 12207.45...

Well, I don't really need to use ambiguity...I was just curious to see how
I'd map with the different settings...

-Robert

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] RE: problem with position ambiguity

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sat, 24 Nov 2001 19:45:43 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48474-2001.11.24-20.13.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yep. Someone is using out-of-date software and gating to the Internet
in your area (near K6IXA-3). That is definitely a problem with the
IGate software, not your D700. The ambiguity setting causes a "space"
to be sent for the digit(s) not being exposed. Some software Mic-E
decoders didn't decode these properly (some still may not).

With regards to ambiguity, different software handles it differently.
For simplicity sake, javAPRS just changes the lost digits to zeros.
Some other software do the same. APRSDos changes them to zeros and then
draws a circle around the icon showing an approximation. Some other
software do similar things to APRSDos. Just a matter of taste.

Have fun.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Robert Chen [mailto:rjchen@stanford.edu]
> Posted At: Saturday, November 24, 2001 4:02 PM
 Subject: [htaprs] RE: problem with position ambiguity
>
>
> Thanks for the suggestion. I went to the link
>
http://www.findu.com/cgi-bin/rawposit.cgi?call=(mycall)&start=48&length=
24, and found one of my beacons:
>
KG6CFZ>APK101,WR6ABD,K6IXA-3*:@242115z3700.00N/02207.45W-000/000/Mic-E/M
0/Off duty>
> I think that 02207.45 should be 12207.45...
>
> Well, I don't really need to use ambiguity...I was just curious to see
how
> I'd map with the different settings...
>
> -Robert

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46. [htaprs] RE: problem with position ambiguity

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Sat, 24 Nov 2001 20:55:07 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>

Message-ID: <LYR845-48480-2001.11.24-23.22.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

As I am the self appointed <g> IGATE in the area, I will try to check
my settings and make sure it's not me. I am running Winaprs and am connected
to AHUBWEST server. Also what version of Winaprs has this problem? In my
list I see locals running everything from ver APW224 to APW251.

AE5PL Lists wrote:

> Yep. Someone is using out-of-date software and gating to the Internet
> in your area (near K6IXA-3). That is definitely a problem with the
> IGate software, not your D700. The ambiguity setting causes a "space"
> to be sent for the digit(s) not being exposed. Some software Mic-E
> decoders didn't decode these properly (some still may not).
>
> With regards to ambiguity, different software handles it differently.
> For simplicity sake, javAPRS just changes the lost digits to zeros.
> Some other software do the same. APRSDos changes them to zeros and then
> draws a circle around the icon showing an approximation. Some other
> software do similar things to APRSDos. Just a matter of taste.
>
> Have fun.
>
> 73,
>
> Pete Loveall AE5PL
> http://www.ae5pl.net
> mailto:pete@ae5pl.net
>
> > -----Original Message-----
> > From: Robert Chen [mailto:rjchen@stanford.edu]
> > Posted At: Saturday, November 24, 2001 4:02 PM
> Subject: [htaprs] RE: problem with position ambiguity
> >
> >
> > Thanks for the suggestion. I went to the link
> >
> http://www.findu.com/cgi-bin/rawposit.cgi?call=(mycall)&start=48&length=
> 24, and found one of my beacons:
> >
> KG6CFZ>APK101,WR6ABD,K6IXA-3*:@242115z3700.00N/02207.45W-000/000/Mic-E/M
> 0/Off duty>
> > I think that 02207.45 should be 12207.45...
> >
> > Well, I don't really need to use ambiguity...I was just curious to see
> how
> > I'd map with the different settings...
> >
> > -Robert
>

--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N 11940.50W   144.39Mhz
       Selma Ca.   {APRS Weather & GPS Tracker}
    SKYWARN member Hanford Ca. NWS
              DOSAPRS/WAPRS/APRS+SA
 For Selma weather   http://www.findu.com/cgi-bin/wxpage.cgi?KF6HJO
Want to find my truck? http://www.findu.com/cgi-bin/find.cgi?kf6hjo-7

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] RE: problem with position ambiguity

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Sun, 25 Nov 2001 07:20:15 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48518-2001.11.25-07.48.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I am not an expert on WinAPRS, but my understanding is the Sprouls have
made Mic-E decoding changes all the way through 2.5.1, so I would say
anything before 2.5.1 is suspect. I do know that anything before 2.4.9
definitely decoded Mic-E wrong (biggest problem: longitudes >= 100

showed up with the 100 digit stripped - everyone in SF was showing up in
the Azores for a while last year :-).

If you have the ability, you might work with Robert and watch what your
WinAPRS decodes when he sets in ambiguity. It's possible that the
Sprouls missed something and need to know about it. If you are running
2.5.1 and it decodes improperly, send an email directly to them letting
them know what the location and ambiguity setting on the D700 was (the
D7 acts exactly the same as the D700 if you have one of those
available).

Hope this helps.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Kurt O. Jauss [mailto:kf6hjo@earthlink.net]
> Posted At: Saturday, November 24, 2001 10:58 PM
> Subject: [htaprs] RE: problem with position ambiguity
>
>
>   As I am the self appointed <g> IGATE in the area, I will
> try to check
> my settings and make sure it's not me. I am running Winaprs
> and am connected
> to AHUBWEST server. Also what version of Winaprs has this
> problem? In my
> list I see locals running everything from ver APW224 to APW251.
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] RE: problem with position ambiguity

From: "Cap Pennell" <cap@cruzio.com>
Date: Sun, 25 Nov 2001 10:00:34 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48557-2001.11.25-12.28.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I looked at the packets at
http://www.findu.com/cgi-bin/rawposit.cgi?call=KG6CFZ&start=96&length=96
 and indeed it was a station that hears the K6IXA-3 and WA6YLB-3 digis that
sent along the packets with the lost digit. There were only a few of the
erroneous packets, most of them were okay. I think someone running WinAPRS
2.46 must have connected to inet for a bit. It's usually been WinAPRS 2.46
that causes this problem.
Maybe local WinAPRS users can check Lists,ProtoPath List and sort by TO:
address (click on the column heading) to see who's running WinAPRS2.46 in
your area? Send 'em a message suggesting they upgrade to ver 2.51 ?
73, Cap KE6AFE

> -----Original Message-----
> From: Kurt O. Jauss
> Sent: Saturday, November 24, 2001 20:55
> To: TAPR Hot Technology APRS
> Subject: [htaprs] RE: problem with position ambiguity
>
>
>   As I am the self appointed <g> IGATE in the area, I will try to check
> my settings and make sure it's not me. I am running Winaprs and
> am connected
> to AHUBWEST server. Also what version of Winaprs has this problem? In my
> list I see locals running everything from ver APW224 to APW251.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] HP Jornada 525 Serial Cable Wiring

From: "Sheri/Jerry/Amy" <tags@hctc.com>
Date: Sun, 25 Nov 2001 14:44:56 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48603-2001.11.25-17.11.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HP is closed today or I would send them this message. I need to know the
location of the three wires (Transmit, Receive, & Ground) wires on the DB 9
end of the HP Jornada 525 serial cable so I can connect them to my TH-D7 PC
plug.

Thank you for any help.

Jerry DE N7YGE

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] Re: HP Jornada 525 Serial Cable Wiring

From: "Arnold 'Arnie' Johnson" <arniej@gis.net>
Date: Mon, 26 Nov 2001 05:35:54 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-48669-2001.11.26-05.03.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Jerry.

I have hooked up my Jornada 525 to a TNC with a Null Modem (which reverses
pins 2 & 3), and it worked fine. That basically means that the 525 cable is
normal, meaning that on the DB-9F connector, pin 2 is RXD, pin 3 is TXD, &
pin 5 is GND. Try it. If it doesn't work, either use a Null Modem between
the two DB-9 connectors or reverse pins 2 & 3 on your cable to the TH-D7. I
may try the whole lashup today (GPS to TH-D7 & Jornada to TH-D7) if I get
time.

Good luck.

Arnie, N1BAC

At 02:44 PM 11/25/2001 -0800, Sheri/Jerry/Amy wrote:
>HP is closed today or I would send them this message. I need to know the
>location of the three wires (Transmit, Receive, & Ground) wires on the DB 9
>end of the HP Jornada 525 serial cable so I can connect them to my TH-D7 PC
>plug.
>
>Thank you for any help.
>
>Jerry DE N7YGE
>
>
>---
>You are currently subscribed to htaprs as: arniej@gis.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

December 2001

Original source file: htaprs.0112
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0112

1. [htaprs] Season's Greetings

From: Stan Horzepa <stanzepa@earthlink.net>
Date: Sat, 01 Dec 2001 09:26:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-49501-2001.12.01-08.54.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in discussing the new, hot technologies related to APRS (for example, the APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects that are only tangentially related to hot technologies related to APRS (like ³what kind of car should I buy for my new Kenwood transceiver?²) may be considered off-topic. If you start a message with ³this is off-topic□² then you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you are referencing. (The HTAPRS SIG software has been optioned to limit the length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] APRS/CE Build 1009

From: "R. Wittner" <rmw@rwa-inc.com>
Date: Mon, 3 Dec 2001 03:55:00 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-49878-2001.12.03-07.31.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The previous APRS/CE beta expired about 28 hours ago... my apologies for the outage.

Version 0.99 Build 1009 is available at:

http://www.tapr.org/~aprsce/

As before, e-mail me if you run into any issues.

There is also some information regarding HPC 2000 machines. The builds are available for that platform, but you will have to install them manually. See the site for more information.

-Rob
KZ5RW

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

3. [htaprs] Very Low Cost Palm V and later serial adapters!!!

From: Jon Ogden <na9d@mindspring.com>
Date: Wed, 05 Dec 2001 17:19:52 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50376-2001.12.05-17.47.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

All,

It's been quite a while since I posted, but I came across something that those of you who use the Palm APRS or any other handheld APRS software will want to know about.

One of the problems with having a Palm V or Vx and perhaps later models is that the cable to allow a serial connection to the handheld has been very expensive. AFAIK, the only way to do this was to purchase the Palm travel kit which costs around $40.00.

Well, I just found a professionally made adapter that will cost you about $8.00! It will adapt the palm V to a standard DB9 male connector. Hook up any data cable and you are good to go!

Where to get these?

Motorola is making these as an accessory for the cellular handsets they sell to Nextel. All the Nextel phones can now be used as wireless modems. So they sell these adapters for many different PDAs and handhelds so you can attach the phone's data cable to the handheld (it's pretty cool to remotely synchronize your Palm with your desktop while driving down the road).

You can purchase the adapters from Nextel at www.nextel.com. They are very, very nice and only $7.95. I got one for both my Palm V and my Palm VIIx.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

4. [htaprs] Re: Very Low Cost Palm V and later serial adapters!!!

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Wed, 5 Dec 2001 16:42:59 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-50402-2001.12.05-19.11.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Wed, 5 Dec 2001, Jon Ogden wrote:

> Where to get these?
>
> Motorola is making these as an accessory for the cellular handsets they sell
> to Nextel. All the Nextel phones can now be used as wireless modems. So
> they sell these adapters for many different PDAs and handhelds so you can
> attach the phone's data cable to the handheld (it's pretty cool to remotely
> synchronize your Palm with your desktop while driving down the road).
>
> You can purchase the adapters from Nextel at www.nextel.com. They are very,
> very nice and only $7.95. I got one for both my Palm V and my Palm VIIx.

The URL is:

        http://nextelonline.nextel.com/NASApp/nol/AccessoryByCategory?
        categoryID=software&oldPathID=2&oldStepID=0

(all on one line, of course)

Julian
--
"Those who would give up essential liberty to purchase a little
 temporary safety, deserve neither liberty nor safety."

                      -- Benjamin Franklin
                         Nov 11 1755, from the Pennsylvania Assembly

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

5. [htaprs] APRS Servers?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Thu, 6 Dec 2001 15:34:25 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50604-2001.12.06-18.02.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Are there any APRS severs still working, other than the one Atlanta that
comes preconfigured with WinAPRS? None of the other servers work anymore.

I saw on a newsgroup that you can use the www.findu.com site as the TCP/IP
APRS server. Anyone know if this is possible? If so, which port does it
use?

Thanks,

Julian
--
"Those who would give up essential liberty to purchase a little
 temporary safety, deserve neither liberty nor safety."

                      -- Benjamin Franklin
                         Nov 11 1755, from the Pennsylvania Assembly

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Re: APRS Servers?

From: "Kurt O. Jauss" <kf6hjo@earthlink.net>
Date: Thu, 06 Dec 2001 16:58:11 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-50616-2001.12.06-19.24.55--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Go the the web site below and follow instructions. This will help a
great deal. Also.... NEVER, NEVER, NEVER conect to FINDU.com as a server.
Steve has stated that several times before. Good luck

http://dididahdahdidit.com/

Julian Frost wrote:

> Are there any APRS severs still working, other than the one Atlanta that
> comes preconfigured with WinAPRS? None of the other servers work anymore.
>
> I saw on a newsgroup that you can use the www.findu.com site as the TCP/IP
> APRS server. Anyone know if this is possible? If so, which port does it
> use?
>
> Thanks,
>
> Julian
> --
> "Those who would give up essential liberty to purchase a little
> temporary safety, deserve neither liberty nor safety."
>
>   -- Benjamin Franklin
>   Nov 11 1755, from the Pennsylvania Assembly

--
  Kurt O. Jauss
     kf6hjo@earthlink.net
         3630.45N 11940.50W   144.39Mhz
       Selma Ca.   {APRS Weather & GPS Tracker}
    SKYWARN member Hanford Ca. NWS
              DOSAPRS/WAPRS/APRS+SA
 For Selma weather   http://www.findu.com/cgi-bin/wxpage.cgi?KF6HJO
Want to find my truck? http://www.findu.com/cgi-bin/find.cgi?kf6hjo-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] Re: APRS Servers?

From: Julian Frost <jfrost@eclectic.ss.uci.edu>
Date: Fri, 7 Dec 2001 09:25:38 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50741-2001.12.07-11.53.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 6 Dec 2001, Kurt O. Jauss wrote:

>   Go the the web site below and follow instructions. This will help a
> great deal. Also.... NEVER, NEVER, NEVER conect to FINDU.com as a server.
> Steve has stated that several times before. Good luck
>
> http://dididahdahdidit.com/

Thanks for the information. Unfortunately, only two of the sites listed in
the "updated aprserve.txt" file work. Specifically, only the following
sites work:

        first.aprs.net 23   Florida server w/o dump
        first.aprs.net 10151   Florida server w/8H dump

The rest give "TCP Open failed" error messages.

Julian
--
"Those who would give up essential liberty to purchase a little
 temporary safety, deserve neither liberty nor safety."

                      -- Benjamin Franklin
                         Nov 11 1755, from the Pennsylvania Assembly

---
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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org

Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

8. [htaprs] Re: APRS Servers?

From: "Zachary Grant Michael, KB9UQQ" <kb9uqq_2000@yahoo.com>
Date: Fri, 7 Dec 2001 19:11:38 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50812-2001.12.07-18.49.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I keep an updated list of servers, ready to download, and unzip to your
WinAPRS directory. Here is the file you want:
http://www.qsl.net/kb9uqq/FILES/aprserve.zip. Download it to any location,
but unzip it to your MAIN WinAPRS directory. (Where WinAPRS.exe is located.)
All of the servers should work, if they don't drop me an e-mail, and I will
update the listing.
73 de kb9uqq
Zachary Grant Michael, KB9UQQ
http://www.qsl.net/kb9uqq/
GOD BLESS AMERICA!

_____

Do You Yahoo!?

Get your free @yahoo.com address at http://mail.yahoo.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] TH-D7 & APRS/CE

From: "Arnold 'Arnie' Johnson" <arniej@gis.net>
Date: Sat, 08 Dec 2001 07:11:10 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50878-2001.12.08-06.43.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all.

I have my Jornada 525 running APRS/CE properly (I think), and it receives
and sends information from/to the TH-D7A(G) as noted by receiving other
positions plotted on the screen and seeing the position on another APRS
device if I use fixed position in APRS/CE.

My problem is that when I have the GPS hooked up into the TH-D7 in the
Packet mode, the position (POS) on the TH-D7 remains at the initial GPS
locked-on position and no position is sent to the Jornada 525 for position
reporting (position is sent as 0/0 Lat & Long from APRS/CE). Coordinates
change on the GPS315 when moving. When moving, the position in the TH-D7
does not change and the position report from APRS/CE remains 0/0.

I have exchanged the two cables (GPS & computer) and get the same results.
Both are wired correctly and I've also tried null modems on both in varying
combinations. I have tried both the TNC2 & Pico TNC settings in APRS/CE
with no difference that I could see.

Question - Should the GPS information be updating the position in the TH-D7
in the Packet mode and should that position be sending itself through the
computer cable to the computer? If it should be, what should be the
settings on the TH-D7 and on the APRS/CE software? Or, do I need to hook
the GPS directly into the Jornada 525 on a second comm port to make it
work? I'm assuming (yes, I know about asumming) the same problem will exist
on my IBM Z50 although I haven't tried it yet.

Thank you.

Arnie, N1BAC

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] loca data dump

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 8 Dec 2001 07:47:26 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50907-2001.12.08-10.13.34--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

here in las vegas on the 146.73 information machine i have had set up for
over a year a data dump with local aprs format information.

it runs auto mode every 5 minutes.

it spits out the location of the main transmitter on the mountain, the ahat,
the power and e mail address and club web site.

it also spits out the local voice repeaters that are open, location and pl.

it spits out where the swap and shop is and when its held and map location.
it happens the swap and shop is at the ham radio store
so its not an ad.

when a ham hears the aprs data, he figures out to tune his aprs on freq.
and receive the info. it then puts out icons on the map of local ham radio
items of interest.

right now the space shuttle is up, and on the machine, but it still does the
aprs data dump over the shuttle.

the info packet also sends out that 146.73 is not a digi to go to 144.39.
the las vegas qst machine provides on touchtone demand local ham radio
information (voice storage) and aprs

www.lvrac.org

click on this link to find me http://map.findu.com/kd8s-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] las vegas aprs data dump

From: " STEVE SCOTT LAS VEGAS" <kd8s@skylink.net>
Date: Sat, 8 Dec 2001 07:55:57 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-50909-2001.12.08-10.22.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

go to find u.com locate kd8s then messages...

it has a old post when i had it on the 144.39 freq. last week when i was
up on the mountain..

kd8s is the mountain site

the satellite view shows the transmitter buildings

73
click on this link to find me http://map.findu.com/kd8s-7

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] TMD 700E

From: "Dominic Pope" <dominicpope@aol.com>
Date: Sun, 9 Dec 2001 12:15:54

To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51106-2001.12.09-12.44.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

HI I only just got this rig and found that it RX'ed on 220 MHz and from
about 800-1300 MHz. I reset the radio in a panic and now can't get them
back. how do it get these freqs back? Also I had BECON text which I set
as "]". How can I get to change this. rig was now connected to PC at any
time!

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

13. [htaprs] Palm IIIxe

From: Richard <ranger@eskimo.com>
Date: Sun, 09 Dec 2001 11:11:03 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51128-2001.12.09-13.39.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi does anyone have info on software and cables and the like to get this palm
to work APRS

Richard N7VWJ CN87

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] RE: Palm IIIxe

From: "Charlie Martin" <kb3co@home.com>
Date: Mon, 10 Dec 2001 00:42:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51237-2001.12.10-00.10.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can start here...
http://www.pocketaprs.com/wiring.html

73,
Charlie

Subject: Palm IIIxe
From: Richard <ranger@eskimo.com>
Date: Sun, 09 Dec 2001 11:11:03 -0800
X-Message-Number: 2

Hi does anyone have info on software and cables and the like to get this
palm
to work APRS

Richard N7VWJ CN87

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] bad packets?

From: Ken Cechura <kcechura@umr.edu>
Date: Wed, 12 Dec 2001 22:43:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51784-2001.12.12-23.09.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

friend of mine has a D700 and a Garmin GPS. he can OCCASIONALLY make it
onto findu, but not always..... his packets look kindof funny, see if
anyone has an idea as to whats going on (I dont have a D700, so i have no idea)

WB9KHR-9*>APRS>RELAY WIDE5-5>S7UW4P:'wJ=l w)/]"7k> Burning gasoline 146.520

this is the raw packet as best as i can reproduce it here (I recieved it on
a commodore 64 with an AEA PK232 and wrote down the packet string)

Any ideas what this mess means?

Thanks
Ken

      //
     //   Kenneth R. Cechura, KC9UMR   //
    //   kcechura@umr.edu   //
   //   President Elect, W0EEE, 2002   //
  // University of Missouri-Rolla Amateur Radio Club //
//

16. [htaprs] RE:1. bad packets?

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Thu, 13 Dec 2001 10:12:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51871-2001.12.13-11.44.10--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

S7UW4P:'wJ=l w)/]"7k

is D700-ese for "this is my latitude and longitude" (and time stamp too? I'm
another non-owner myself). This format trades human-readability for brevity.

73,
Tony

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] SMA adapter

From: "Roy Bost" <rbost@itexas.net>
Date: Thu, 13 Dec 2001 19:22:19 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51935-2001.12.13-19.51.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
Stock number 940-1183. It's on page 88 of the Big 2002 catalog.

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] RE:1. bad packets?

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 13 Dec 2001 21:12:49 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-51945-2001.12.13-20.41.23--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 13 Dec 2001, Tony Arnerich wrote:

> S7UW4P:'wJ=l w)/]"7k
>
> is D700-ese for "this is my latitude and longitude" (and time stamp too? I'm
> another non-owner myself). This format trades human-readability for brevity.

Actually its LAT/LONG/CSE/SPEED/ICON/and a 1 of 7 comment field...
bob

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] Re: SMA adapter

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 14 Dec 2001 00:12:01 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-51991-2001.12.14-00.41.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 07:22 PM 12/13/01, Roy Bost wrote:

>Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
>Stock number 940-1183. It's on page 88 of the Big 2002 catalog.

Not stocked in stores, special order only.   I'm just wondering if it's
vaporware, like 90% of the stuff they have listed that not stocked in
stores.   Anyone actually purchased one and received it?

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: SMA adapter

From: "Charlie Martin" <kb3co@home.com>
Date: Sat, 15 Dec 2001 00:45:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52104-2001.12.15-00.14.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have indeed. Handy little cable.

BTW, I have never had trouble buying anything from them that they say is
available. They have been a very reliable vendor for me. On their website it
is sometimes hard finding what you are looking for (or adequate info to make
a decision about a product) - but once you have made that decision and
clicked the left mouse button, it's yours.

73,
Charlie
KB3CO

Subject: Re: SMA adapter
From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 14 Dec 2001 00:12:01 -0600
X-Message-Number: 1

At 07:22 PM 12/13/01, Roy Bost wrote:

>Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
>Stock number 940-1183. It's on page 88 of the Big 2002 catalog.

Not stocked in stores, special order only.   I'm just wondering if it's
vaporware, like 90% of the stuff they have listed that not stocked in
stores.   Anyone actually purchased one and received it?

73,

Mark
KC7BXS

END OF DIGEST

You are currently subscribed to htaprs as: kb3co@arrl.net
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] Re: htaprs digest: December 14, 2001

From: Steve Bossert <kc2gog@optonline.net>
Date: Sat, 15 Dec 2001 01:23:36 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52113-2001.12.15-00.52.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

it is ONLY available for special order. you can order an adapter from mouser electronics or also lentini communications for about $4-5. it is made by workman.

i work for radioshack and the cable that is $15 is not really worth it. i ordered it to see what its about and it is pretty cheap, you can make your own for cheaper.
----- Original Message -----
From: "TAPR Hot Technology APRS digest" <htaprs@lists.tapr.org>
To: "htaprs digest recipients" <htaprs@lists.tapr.org>
Sent: Saturday, December 15, 2001 6:00 AM
Subject: htaprs digest: December 14, 2001

> TAPR Hot Technology APRS Digest for Friday, December 14, 2001.
>
> 1. Re: SMA adapter
>
> --
>
> Subject: Re: SMA adapter
> From: Mark Fellhauer <sparkfel@qwest.net>
> Date: Fri, 14 Dec 2001 00:12:01 -0600
> X-Message-Number: 1
>
> At 07:22 PM 12/13/01, Roy Bost wrote:
>
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
> Not stocked in stores, special order only.   I'm just wondering if it's
> vaporware, like 90% of the stuff they have listed that not stocked in
> stores.   Anyone actually purchased one and received it?
>
> 73,
>
> Mark
> KC7BXS
>
>
>
>
> ---
>
> END OF DIGEST
>
> ---
> You are currently subscribed to htaprs as: kc2gog@optonline.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] Re: SMA adapter

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Sat, 15 Dec 2001 06:23:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52132-2001.12.15-06.52.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Several people have emailed me privately saying that I could make a cable for less.

Living in Sioux Falls,SD, means that there are no retail outlets that sell single lots of RF connectors for RG-174 (I'd prefer to use LMR-100) so I'd have to mail-order the parts.

Here is what I found....

After sourcing and buying the components, you'd end up spending much more than buying the pre-made cable. Most places that sell RG-174 or equivalent have a minimum order of 25 feet. And making one assumes you have a crimping tool or die set for RG-174. The least expensive one I've found is $38.00.

Prices from the www.therfc.com

25 feet RG-174 --- $4.25
SMA Male connector (for RG-174) -- $3.00
BNC Female connector (for RG-174) -- $5.00

Total -- $12.25

Radio Shack Price for pre-made cable -- $14.99

Perceived "savings" - $2.74 -- This doesn't include your labor. I bill myself out at $40/hour for computer/RF/satellite work and $75/hour for environmental work. I don't normally prorate the 1st hour - but I will for myself.

I have found most mail-order and online parts suppliers have a minimum order of $20 to $25 and really rake you for S&H, and again all this assumes you have the proper tools to crimp RG-174. Yes, I have used Vice-Grips in a pinch, but I don't recommend it...

My real costs would have to include my time to source the parts, fill out the online order form, receive the parts, prep the coax, place and crimp the ends, and test for shorts/continuity.

My real cost:

Crimper -- $38.00 (I don't own one currently)
Crimper S&H -- $10.00 (estimated)
RF Parts (from above) -- $12.25 (ignoring the general minimum order)
RF Parts S&H -- $10.00 (estimated)
Labor 1/2 hour (internal rate - prorated - including sourcing and ordering) - $10.00 (estimated)

Total Cost -- $80.25

I have also notice that when you buy most crimp RF connectors you get a small baggie with 3 to 5 loose parts and absolutely no instructions on how they fit together. And every manufacturer has a different assembly scheme. Usually this means a trip to the Internet or that one connector gets "sacrificed" as a test... :) Also if the parts come USPS, my physical address has a "1/2" in it and the mailman can't find my door, so I have to drive to the Post Office to get parcels because he normally won't leave them (unless I want to fill out the form and wait another 48 hours). In this case add 45 minutes labor to drive to the Post Office and pick up the package. I'll throw in the cost of gas for free.

Regards,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] Re: SMA adapter

From: James Jefferson <jjeffers@deskmedia.com>
Date: Sat, 15 Dec 2001 09:39:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52157-2001.12.15-10.11.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It isn't really too relevant for this SMA to BNC discussion, but the RF Connection will make custom cables. They charge materials plus $4 or $5 an end assembly. At Dayton I hade them make me Reverse Polarity TNC <- RG-58 -> N Female cables and they are top notch. Heat shrink is also an option with them.

and I echo Mark's comments on not living in a big city. I live in a town of 25,000 in Minnesota and we have a Radio Shack, that's it. I recently needed a $6 connector so I ordered it from digikey. But the time all was said and done, it cost $26.

-Jim Jefferson Kb0THN

PS - on a side note ... Lyris is a pain. It complained because I quoted too many lines, yet it doesn't complain when people post nasty HTML that is nearly unreadable.

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24. [htaprs] Re: SMA adapter

From: Ralph Milnes <milnes1@rcn.com>
Date: Sat, 15 Dec 2001 11:49:08 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52159-2001.12.15-11.17.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:00 AM 12/15/2001, Mark asked:

> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
>Not stocked in stores, special order only.   I'm just wondering if it's
>vaporware, like 90% of the stuff they have listed that not stocked in
>stores.   Anyone actually purchased one and received it?

I got one about a year ago and use it all the time -- it's great.
  ... but I don't know what the current situation is on availability.

Ralph, KC2RLM

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25. [htaprs] Re: htaprs digest: December 14, 2001

From: William Robison <william-robison@uiowa.edu>
Date: Sat, 15 Dec 2001 09:06:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52431-2001.12.17-09.33.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Subject: Re: SMA adapter
> At 07:22 PM 12/13/01, Roy Bost wrote:
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
> Not stocked in stores, special order only.   I'm just wondering if it's
> vaporware, like 90% of the stuff they have listed that not stocked in
> stores.   Anyone actually purchased one and received it?

  I've ordered from RS in the past... Items were in stock, but
shipping ended up being more than the purchased items...

regards
-Willy
KC0JFQ

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Desense from Palm

From: Richard <ranger@eskimo.com>
Date: Mon, 17 Dec 2001 07:43:20 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52444-2001.12.17-10.11.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

I have a Palm IIIxe and it seems to desense the Kenwood TH-D7A(G) when
running the
Palm APRS software any one have any ideas.

Richard N7VWJ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: SMA adapter

From: CDR Wade Blake <Wade.Blake@noaa.gov>
Date: Mon, 17 Dec 2001 11:19:50 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52449-2001.12.17-10.49.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes, I have one and it works well for me.

Wade, N7LGK

TAPR Hot Technology APRS digest wrote:

> TAPR Hot Technology APRS Digest for Friday, December 14, 2001.
>
> 1. Re: SMA adapter
>
> --
>
> Subject: Re: SMA adapter
> From: Mark Fellhauer <sparkfel@qwest.net>
> Date: Fri, 14 Dec 2001 00:12:01 -0600
> X-Message-Number: 1
>
> At 07:22 PM 12/13/01, Roy Bost wrote:
>
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
> Not stocked in stores, special order only.   I'm just wondering if it's
> vaporware, like 90% of the stuff they have listed that not stocked in
> stores.   Anyone actually purchased one and received it?
>
> 73,
>
> Mark
> KC7BXS
>

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: htaprs digest: December 14, 2001

From: "Lee Inman" <leei@att.net>
Date: Mon, 17 Dec 2001 19:47:36 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52507-2001.12.17-21.15.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
>   I've ordered from RS in the past... Items were in stock,
> but shipping ended up being more than the purchased items...
>

Ordered one last week (14th) - arrived today - no shipping charge (read,
free), just local taxes.

73 KC0LGW, Lee

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Garmin Streetpilot Colormap Question

From: K1DE@aol.com
Date: Tue, 18 Dec 2001 20:24:32 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52642-2001.12.18-19.53.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Reading the on-line manual for the Garmin Streetpilot Colormap unit, I
couldn't find information on whether it can upload waypoints from my D-700,
like my GPSIII+ can. I understand it can't upload icons but need to know if
the 6 digit NEMA information can be displayed. Any other shortcomings to
using that unit with my D-700 would be appreciated. I really do need a bigger
display, which is my main reason for researching the unit. Thanks in
advance, John.

30. [htaprs] Re: Garmin Streetpilot Colormap Question

From: k5qq@juno.com
Date: Tue, 18 Dec 2001 20:20:15 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: htaprs@lists.tapr.org
Message-ID: <LYR845-52644-2001.12.18-21.51.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

John,

Classic Question. Unfortunately the answer is always the same...   Nope.

You can't upload waypoints to the Garmin Color Streetpilot.

(Lots of discussion about a year ago or so but nothing has changed)

73's

Jim

On Tue, 18 Dec 2001 20:24:32 EST K1DE@aol.com writes:
Reading the on-line manual for the Garmin Streetpilot Colormap unit, I
couldn't find information on whether it can upload waypoints from my
D-700, like my GPSIII+ can. I understand it can't upload icons but need
to know if the 6 digit NEMA information can be displayed. Any other
shortcomings to using that unit with my D-700 would be appreciated. I
really do need a bigger display, which is my main reason for researching
the unit. Thanks in advance, John.

31. [htaprs] Re: Garmin Streetpilot Colormap Question

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 18 Dec 2001 19:36:15 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52645-2001.12.18-22.05.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Go with the Street Pilot III. Much better color, features, etc.

Phil   KD6SP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: SMA adapter

From: "Charlie Martin" <kb3co@home.com>
Date: Wed, 19 Dec 2001 19:06:41 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52786-2001.12.19-18.34.54--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Shame on you for the flame. I have bought hundreds of dollars of merchandise
from RS online this past year alone. Not one hiccup! Something is not adding
up.

Charlie
KB3CO

Subject: Re: htaprs digest: December 14, 2001
From: William Robison <william-robison@uiowa.edu>
Date: Sat, 15 Dec 2001 09:06:34 -0600
X-Message-Number: 1

> Subject: Re: SMA adapter
> At 07:22 PM 12/13/01, Roy Bost wrote:
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
> Not stocked in stores, special order only.   I'm just wondering if it's
> vaporware, like 90% of the stuff they have listed that not stocked in
> stores.   Anyone actually purchased one and received it?

  I've ordered from RS in the past... Items were in stock, but
shipping ended up being more than the purchased items...

regards
-Willy
KC0JFQ

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: SMA adapter

From: "Charlie Martin" <kb3co@home.com>
Date: Wed, 19 Dec 2001 21:35:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52806-2001.12.19-21.03.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mea culpa. Please accept my apology - I misunderstood your complaint - I
thought you were saying that they were sending merchandise you did not
order. On second read I got the point and understand the complaint.

73,
Charlie

 -----Original Message-----
From: Charlie Martin [mailto:kb3co@home.com]
Sent: 19 December, 2001 19:07
To: 'TAPR Hot Technology APRS digest'
Subject: Re: SMA adapter

Shame on you for the flame. I have bought hundreds of dollars of merchandise
from RS online this past year alone. Not one hiccup! Something is not adding
up.

Charlie
KB3CO

Subject: Re: htaprs digest: December 14, 2001
From: William Robison <william-robison@uiowa.edu>
Date: Sat, 15 Dec 2001 09:06:34 -0600
X-Message-Number: 1

> Subject: Re: SMA adapter
> At 07:22 PM 12/13/01, Roy Bost wrote:
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
> >Stock number 940-1183. It's on page 88 of the Big 2002 catalog.
>
> Not stocked in stores, special order only.   I'm just wondering if it's
> vaporware, like 90% of the stuff they have listed that not stocked in
> stores.   Anyone actually purchased one and received it?

I've ordered from RS in the past... Items were in stock, but
shipping ended up being more than the purchased items...

regards
-Willy
KC0JFQ

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34. [htaprs] Folding Keyboards and the Kenwood D700

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Fri, 21 Dec 2001 8:46:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52982-2001.12.21-09.14.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Just a thought,

I had heard some folks talk about adding keyboards to their D700's.

Has anyone actually used a PDA keyboard???

I was in Comp USA the other day and saw them, and thought why not???

Just don't want to re-invent the wheel here.

Randy

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35. [htaprs] Re: Folding Keyboards and the Kenwood D700

From: "Bill Kearns" <billk@inland.net>
Date: Fri, 21 Dec 2001 08:27:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52989-2001.12.21-10.53.22--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> Just a thought,
>
> I had heard some folks talk about adding keyboards to their D700's.
>
> Has anyone actually used a PDA keyboard???
>

how about using a cordless keyboard?

1. the little receiver will fit nicely in an enclosure with the KB adapter
2. no stupid cable getting in the way
3. full size (quality) keyboard for ease of use
4. stores under the seat and out of sight until you need it.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

36. [htaprs] D7 Callsign

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Fri, 21 Dec 2001 10:33:38 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52991-2001.12.21-11.01.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Whats the best way to enter the following callsign in the D7.

WB0WNX/C6A

There is not enough room for the entire callsign and I want to try to
operate PCSAT next week with my D7AG.

Dave

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] RE: D7 Callsign

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 21 Dec 2001 10:50:45 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-52994-2001.12.21-11.19.27--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi Dave,

Just enter WB0WNX. In your status, enter WB0WNX/C6A (or C6A/WB0WNX,
depending on what the requirement is for the Bahamas). Set your status
setting to 1/1. Each posit will now be identified correctly per
government rules. I have done this for many trips to other countries
(Europe, South America, and North America) and it is accepted
identification by the respective governments under their reciprocal
licensing agreements.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Dave Kaplan [mailto:dkaplan@steffeninc.com]
> Posted At: Friday, December 21, 2001 10:34 AM
> Subject: [htaprs] D7 Callsign
>
>
> Whats the best way to enter the following callsign in the D7.
>
> WB0WNX/C6A
>
> There is not enough room for the entire callsign and I want to try to
> operate PCSAT next week with my D7AG.
>
> Dave

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

38. [htaprs] Re: D7 Callsign

From: Jon Ogden <na9d@mindspring.com>
Date: Fri, 21 Dec 2001 16:35:37 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53030-2001.12.21-17.04.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

on 12/21/01 10:33 AM, Dave Kaplan at dkaplan@steffeninc.com wrote:

> Whats the best way to enter the following callsign in the D7.
>
> WB0WNX/C6A
>
> There is not enough room for the entire callsign and I want to try to
> operate PCSAT next week with my D7AG.

AX.25 protocol does not allow for the use of the "/" symbol in the callsign
field. You'll have to enter your normal call in that field. And as someone
else suggested, put the full reciprocal call in the status field. As long
as the unit transmit the status field during the timeframe required by the
Bahamas, it's legal as you then are sending the call.

73,

Jon
NA9D

Jon Ogden
NA9D (ex: KE9NA)

Member: ARRL, AMSAT, DXCC, NRA

http://www.qsl.net/ke9na

"A life lived in fear is a life half lived."

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] Re: D7 Callsign

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Fri, 21 Dec 2001 17:21:39 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53032-2001.12.21-17.51.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

But what will that show on PCSAT?

Dave

At 04:35 PM 12/21/01, Jon Ogden wrote:
>on 12/21/01 10:33 AM, Dave Kaplan at dkaplan@steffeninc.com wrote:
>
> > Whats the best way to enter the following callsign in the D7.
> >
> > WB0WNX/C6A
> >
> > There is not enough room for the entire callsign and I want to try to
> > operate PCSAT next week with my D7AG.
>
>
>AX.25 protocol does not allow for the use of the "/" symbol in the callsign
>field. You'll have to enter your normal call in that field. And as someone
>else suggested, put the full reciprocal call in the status field. As long
>as the unit transmit the status field during the timeframe required by the
>Bahamas, it's legal as you then are sending the call.
>
>73,
>
>Jon
>NA9D
>
>---
>Jon Ogden
>NA9D (ex: KE9NA)
>
>Member: ARRL, AMSAT, DXCC, NRA
>
>http://www.qsl.net/ke9na
>
>"A life lived in fear is a life half lived."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] Re: D7 Callsign

From: "AE5PL Lists" <HamLists@ametx.com>
Date: Fri, 21 Dec 2001 17:48:00 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53038-2001.12.21-18.16.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

PCSAT is just a flying digipeater. Anyone monitoring PCSAT will see
your icon and callsign located where you have input your latitude and
longitude. If their client software shows the status text included with
a posit (javAPRS, the Kenwood radios, and most other APRS software

display status text received as part of a posit packet), then they will
also see your reciprocal callsign as well.

If you want to work PCSAT and stay legal while operating under a
reciprocal license in the Bahamas, put the reciprocal callsign
configuration in the status text.

73,

Pete Loveall AE5PL
http://www.ae5pl.net
mailto:pete@ae5pl.net

> -----Original Message-----
> From: Dave Kaplan [mailto:dkaplan@steffeninc.com]
> Posted At: Friday, December 21, 2001 5:25 PM
> Subject: [htaprs] Re: D7 Callsign
>
>
> But what will that show on PCSAT?
>
> Dave

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] D7 Callsign Airmobile and Bahamian tomorrow!

From: Dave Kaplan <dkaplan@steffeninc.com>
Date: Fri, 21 Dec 2001 22:05:11 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53061-2001.12.21-22.35.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well,

The plans are to depart Sioux City, IA and fly direct to Orlando. I'll be
running APRS airmobile during the flight.

After a brief fuel stop off to Abaco Island (Treasure Cay) running APRS
airmobile pilot workload permitting where I will try to operate both HF and
PCSAT during the next 10 days.

Can anyone point me to a web site that will give me PCSAT predictions for
26.45N 77.24W for the next 10 days?

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

42. [htaprs] Re: D7 Callsign Airmobile and Bahamian tomorrow!

From: Skip Allison <sallison@megsinet.net>
Date: Fri, 21 Dec 2001 22:26:18 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53063-2001.12.21-22.55.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Dave Kaplan wrote:
>
> Well,
>
> The plans are to depart Sioux City, IA and fly direct to Orlando. I'll be
> running APRS airmobile during the flight.

Cool. What call should we look for?

Skip
K9SA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

43. [htaprs] SSID's

From: Richard <ranger@eskimo.com>
Date: Sun, 23 Dec 2001 14:49:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53251-2001.12.23-17.17.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi all,

Some time back someone posted the meaning of SSID's -1 to -15

Richard CN87wq

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

44. [htaprs] Re: SSID's

From: "Lloyd Mitchell" <lloydm75@hotmail.com>
Date: Sun, 23 Dec 2001 19:53:45 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53264-2001.12.23-19.25.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

T'was not me but Here you go..

APRS Symbols

Symbols for your APRS station or tracker can be done with one of three methods.

* The first is by assigning an SSID

* The second by embedding characters in the BText line within squiggly brackets (no longer used)

* The third by embedding the character in the SENDTO address (LTP, LOC, and Unproto) paths.

The third example is the PRIMARY way to indicate your symbol on the map. This info was derived from the APRSdos symbols.txt readme file. PLEASE NOTE THIS IS FOR MOBILES ONLY! Home stations will use different symbols.

SSID METHOD

SSID Symbol NWAPRS Station Type
-0 Dot Home Station
-1 Ambulance Home PBBS
-2 Bus
-3 Firetruck
-4 Bicycle
-5 Yacht
-6 Helicopter
-7 Aircraft TH-D7 Station
-8 Ship Secondary Automobile
-9 Car Primary Automobile
-10 Motorcycle Primary WIDE
-11 Balloons Secondary WIDE
-12 Jeep
-13 RV
-14 Truck
-15 Van TCPIP Only

The following method is recommended by most. Replace XX OR xxx where you would normally use GPSxxx via RELAY,WIDE3-3 or whatever your path:

BB Police Car, Sheriif LF Fire Truck (SSID = -3)
BH Small Aircraft (SSID = -7) LJ Jeep (SSID = -12)
BK SnowMobile LK Truck (SSID = -14)
BP Dot LP Puppy
P# Numeral Circle (replace # with 0-9) SJ Steam Shovel
A# Numbered Circle (replace # with 0-9) LS Ship/Power Boat (SSID + -8)
MT Motorcycle (SSID = -10) LU 18-Wheeler
MU RailRoad Engine LV Van (SSID = -15)
MV Car (SSID = -9) SS# Numbered Ship (replace # with 0-9)
PC Canoe SU# Numbered Truck (replace # with 0-9)

NV# Numbered Car (replace # with 0-9) SV# Numbered Van (replace # with 0-9)
PO Balloon (SSID = -11) LE Horse
PR Recreational Vehicle (SSID = -13) LB Bicycle
PS Shuttle (Please don't use this unless you're NASA) LA Ambulance
PU Bus (SSID = -2) DV# Numbered Aircraft (replace with 0-9)
PV ATV AS Satellite/PacSat
PX Helicopter (SSID = -6) HV Large Aircraft
PY Sail Boat/Yacht (SSID = -5) HS Jogger

For example GPSMV V RELAY,WIDE3-3 will show up as a car on all maps. GPSLB V RELAY, WIDE3-3 will show up as a bicycle.

45. [htaprs] Re: Folding Keyboards and the Kenwood D700

From: "Dr. Werner Furlan" <furlan@gmx.net>
Date: Wed, 26 Dec 2001 23:47:10 +0100
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-53546-2001.12.26-17.16.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

hi Bill,

On 21 Dec 2001 at 8:27, Bill Kearns wrote:

> Reply to Sender: mailto:billk@inland.net
> Reply to List: mailto:htaprs@lists.tapr.org
>
>
>
> > Just a thought,
> >
> > I had heard some folks talk about adding keyboards to their D700's.
> >
> > Has anyone actually used a PDA keyboard???
> >
>
> how about using a cordless keyboard?
>
> 1. the little receiver will fit nicely in an enclosure with the KB
> adapter 2. no stupid cable getting in the way 3. full size (quality)
> keyboard for ease of use 4. stores under the seat and out of sight
> until you need it.
>
>
I use a Logitech cordless keyboard with the Kenkey Interface (by John
Hansen) and it works without a problem.
My second possibility is a small keyboard without keypad, but the
full size wireless keyboard is the better choice IMHO. I use it with
a keyboard switch also on my PC.
I am not sure if there are folding keyboards with PS2 connectors.
Those I saw are only for PDA's :-(

73! de Werner OE9FWV

--
Powered by Pegasus Mail - free at http://www.pmail.com
Homepage: http://www.qsl.net/oe9fwv
SMS: +436646340014@text.mobilkom.at

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

January 2002

Original source file: htaprs.0201
Source: http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/htaprs.0201

1. [htaprs] NAKED AT THE LAKE (FREE) HWLH

From: teeniesuckathhon3d4d24@msn.com
Date: Tue, 01 Jan 2002 12:11:31 -2000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54520-2002.01.01-14.45.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/html

<http://209.132.208.47/orgasm/exit.html>

<http://209.132.208.47/orgasm/exit.html>

<http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/3D"http://209.132.208.47/orgasm/exit.html"
>
<http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/3D"http://209.132.208.47/orgasm/exit.html"
>

Do
not reply to this e-mail message

To be taken
off this list please go to the link below and enter your e-mail address.

"Under Bill s.1618 TITLE III passed by the 105th US Congress this
letter

cannot be considered Spam as long as the sender includes contact

information and a method of removal."

WE HONOR ALL REMOVES. PLEASE SUBMIT ONE EMAIL AT A TIME OTHERWISE YOU
WILL NOT BE REMOVED. PROFANITY SERVES NO PURPOSE.

Please allow
for 24-72 hours to be removed from this list.

TO BE TAKE N OFF THIS LIST CLICK HERE <http://202.22.41.19:21/superpromoter/remove.asp>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

2. [htaprs] ADMIN: Happy New Year!

From: Stan Horzepa <stanzepa@earthlink.net>
Date: Tue, 01 Jan 2002 17:22:47 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54545-2002.01.01-16.52.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

(This message is posted on the HTAPRS SIG on a monthly basis.)

PURPOSE

The purpose of the HTAPRS SIG is to provide a forum for folks interested in
discussing the new, hot technologies related to APRS (for example, the
APRS-ready radios from Kenwood.)

POSTING MESSAGES

To post messages to the HTAPRS SIG, send email to htaprs@tapr.org

HTAPRS SIG RULES

The HTAPRS SIG has a few simple rules:

. Be courteous. Abusive, insulting, or rude behavior demonstrated towards
another list member is a violation of this rule.

. Stick to the subject, i.e., hot technologies related to APRS. Subjects
that are only tangentially related to hot technologies related to APRS (like
³what kind of car should I buy for my new Kenwood transceiver?²) may be

considered off-topic. If you start a message with ³this is off-topic□² then
you are violating this rule.

. Be succinct when composing a message. (The HTAPRS SIG software has been
optioned to limit the length of each message.)

. When quoting a previous message, only quote the parts of that message you
are referencing. (The HTAPRS SIG software has been optioned to limit the
length of a quote.)

. Do not send messages in HTML of Rich Text format.

. Do not send attachments.

. Cross-posting is not permitted. (The HTAPRS SIG software has been
optioned to prevent cross-posting.)

. The HTAPRS SIG administrator reserves the right to suspend or ban any
list member who violates these rules.

UNSUBSCRIBING

To unsubscribe from the HTAPRS SIG, follow the directions you will find at
the bottom of each message you receive from the HTAPRS SIG.

QUESTIONS, COMMENTS, ETC.

If you have any questions, comments, etc. concerning the HTAPRS SIG, please
email the HTAPRS SIG administrator at the address below.

Stan Horzepa, WA1LOU, wa1lou@tapr.org

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3. [htaprs] Re:D7AG questions

From: John Mc Hugh <johnk.mchugh@worldnet.att.net>
Date: Tue, 01 Jan 2002 21:42:58 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-54600-2002.01.01-21.18.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have a D7A that had the first upgrade (so it would work with the
tripmate). What are the features and advantages of doing the second
upgrade. For those that did it was it worth it?

Thanks,

John KU4GY

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4. [htaprs] OnStar GPS

From: "Jack Smith" <jrs38801@bellsouth.net>
Date: Wed, 2 Jan 2002 16:34:40 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54716-2002.01.02-17.04.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some time in the past week or so I saw a post about OnStar GPS units and NMEA compatibility.
Unfortunately, my system crashed! Could the person who posted that please send me that info directly?

Thanks,
Jack KE4LWT

5. [htaprs] RE: OnStar GPS

From: "Lee Inman" <leei@att.net>
Date: Wed, 2 Jan 2002 17:57:23 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>

Message-ID: <LYR845-54745-2002.01.02-19.25.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>>
Some time in the past week or so I saw a post about OnStar GPS units and
NMEA compatibility. Unfortunately, my system crashed! Could the person
who posted that please send me that info directly?
<<

Please post to the list as well. Thanks. Lee, KC0LGW

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

6. [htaprs] Fw: [aprssig] OnStar Locations

From: "Jack Smith" <jrs38801@bellsouth.net>
Date: Thu, 3 Jan 2002 07:09:54 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54854-2002.01.03-07.39.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Ray A. Krohn" <kd3rn@ptd.net>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Wednesday, January 02, 2002 9:31 PM
Subject: [aprssig] OnStar Locations

> Ok,
>   Here is the location of most OnStar units. GPS unit is a small
> aluminum rectangular box with 1 multipin connector and small coax
> connection.
>
>   Suburbans & Full size pickups - Under heater box the passenger can
> kick the thing!
>
>   U/X Vans - Screwed fast to the drivers seat right under handset
>
>   Most cars - Bolted up behind rear seat (If you can't find it on a
> CAR e-mail me)
>
> Pin out info will be posted here shortly in a JPEG picture format as
> soon as I have time to scan. (I think all units are the same)
>
>
> Ray   ---   Happy New Year!
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

7. [htaprs] OnStar GPS Info

From: "Jack Smith" <jrs38801@bellsouth.net>
Date: Thu, 3 Jan 2002 07:23:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54857-2002.01.03-07.53.20--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Well, according to this post I found in the APRS SIG, at least the first generation OnStar units output
in NMEA format.

Jack KE4LWT

[aprssig] Motorola Oncore GPS available

---

  a.. To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
  b.. Subject: [aprssig] Motorola Oncore GPS available
  c.. From: rwf <rwf@bsrg.org>
  d.. Date: Mon, 31 Dec 2001 09:32:14 -0500
  e.. In-Reply-To: <00430895F25BD4119919006097B68072010821@c3exchange.connect3.com>

f.. List-Owner: <mailto:owner-aprssig@lists.tapr.org>
g.. List-Software: Lyris Server version 3.0
h.. List-Subscribe: <mailto:subscribe-aprssig@lists.tapr.org>
i.. List-Unsubscribe: <mailto:leave-aprssig-842K@lists.tapr.org>

I have a Motorola Oncore GPS module for sale. It came from one of the first generation Onstar units. It is the small black box (approx 4"x3"x1") and has the remote mount 26 dB gain antenna as well as the optional 1PPS output in case you are building a timing source. The output is NMEA formatted RS232- completely ready for APRS use. It is a parallel tracking 6 or 8 channel, I can't remember. It comes with full documentation.

If you want a real GPS that is designed for remote antenna mounting and is rugged as can be, this beats the makeshift Rand McNalley and Tripmates hands down. If you have priced GPS antennas before, you know that just an amplified antenna costs $65.00 or more and an Oncore GPS module (if you can get them) costs about triple that at wholesale.

Ralph N4NEQ

End Original Posting

8. [htaprs] COS / CAS / COR External Carrier Detect Circuit for Kenwood THD7

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 3 Jan 2002 7:49:9
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54860-2002.01.03-08.18.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good morning,

I am interested in using my Kenwood THD7, a Mirage BD35 AMP, with a rigblaster no-mic connected to a laptop, along some repeater software called Echo Station 2.0 by K1RFD, http://www.synergenics.com/sc/.

What I am shooting for is a portable, limited use repeater / autopatch that requires simply the Laptop and the HT and a 12V power supply, a car battery, cigarette lighter, or 10 AMP DC power supply will do.

I have been searching for a simple COR circuit that I can build off the HT to flip the Carrier Detect pin on the RS232 port of the Rigblaster to computer connection to + 5 Volts.

I have been told by the Echo Station Software author K1RFD, Jonathan Taylor, that the TX / RX switching times of the HT might be a problem even if I get a COR circuit up and running.

Does anyone know if the CTCSS tones are output via the Speaker out jack of the Kenwood THD7 ???

If so I could purchase a CTCSS encode/decode module and tap the Speaker Out for COS input to a COR circuit.

Another idea was to tap into the Carrier Detect LED on band A or band B of the HT and use this as a COS to trigger the COR circuit.

Any thoughts or experience with this would be greatly appreciated.

Thanks,

Randy R. Creller
K1RTV
RandyRoo@hotmail.com

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

9. [htaprs] Re:D7AG questions

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 3 Jan 2002 8:0:33
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54861-2002.01.03-08.29.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The Big thing is ability to work satellites from what I have gathered.

You can now work Sats that use the 70CM uplink and 2 Meter Downlink and
vice versa with the upgrade.

I also like the ability to store 3 specified locations and switch what I am
sending over APRS.

Its a pretty substantial upgrade, but if you do not intend to play with
these new features, your really not going to miss much at all.

Bob Brunig has a great deal to say about the uses of the Upgrade.

Just my 2 Cents,

randy

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

10. [htaprs] GPS Question

From: Butch Quallich <kf4hr@erols.com>
Date: Thu, 03 Jan 2002 10:29:29 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54880-2002.01.03-09.51.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello,

Can anyone suggest a source where I can purchase a good inexpensive GPS
engine with NMEA output, (ideally with an external GPS antenna - not
obsolutely necessary), for APRS use. I currently use a Garmin eTrex
which works fine, but I'd like to have the GPS unit come on with the
vehicle (rather than dealing with softkey turn on, like the eTrex has).

Thanks,

Butch Quallich, KF4HR
Email: kf4hr@erols.com

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

11. [htaprs] Fw: [aprssig] Re: Other Uses for OnStar...

From: "Jack Smith" <jrs38801@bellsouth.net>
Date: Thu, 3 Jan 2002 09:54:49 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54888-2002.01.03-10.24.11--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

----- Original Message -----
From: "Wes Johnston" <kd4rdb@netzero.com>
To: "TAPR APRS Special Interest Group" <aprssig@lists.tapr.org>
Sent: Thursday, January 03, 2002 10:26 AM
Subject: [aprssig] Re: Other Uses for OnStar...

> http://www.laipac.com/datasheets/gps/AVL%20Ap-Note.pdf
>
> Page 3, figure 3 shows what I think may be the pin out of an OnStar GPS
> unit.
>
> Wes
>
>
> ---
> You are currently subscribed to aprssig as: jrs38801@bellsouth.net
> To unsubscribe send a blank email to leave-aprssig-26384U@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

12. [htaprs] Re:D7AG questions -- how to tell if you have latest fw?

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Thu, 3 Jan 2002 10:28:32 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54913-2002.01.03-12.59.18--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I called Kenwood tech support, and they weren't very helpful, basically said if it turned on with D7A(G) it was the latest which it does, and manual supplement for upgraded "G" features was in original box.

Any way to tell if I have both upgrades installed? SN is 301000xx

Thanks.

----- Original Message -----
From: Randy R. Creller
Sent: Thursday, January 03, 2002 6:04 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re:D7AG questions

The Big thing is ability to work satellites from what I have gathered.

You can now work Sats that use the 70CM uplink and 2 Meter Downlink and
vice versa with the upgrade.

I also like the ability to store 3 specified locations and switch what I am
sending over APRS.

Its a pretty substantial upgrade, but if you do not intend to play with
these new features, your really not going to miss much at all.

Bob Brunig has a great deal to say about the uses of the Upgrade.

Just my 2 Cents,

randy

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.orgGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

13. [htaprs] Re:D7AG questions

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Thu, 3 Jan 2002 12:43:4
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54917-2002.01.03-13.12.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is a link to the Kenwood site discussing the differences.

http://216.133.235.165/Amateur/Current%20Instruction%20Manuals/THD7A_THD7AG_Comparison.PDF

73's

Randy
K1RTV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

14. [htaprs] ADMIN: Changes to this list

From: Stan Horzepa <stanzepa@earthlink.net>
Date: Thu, 03 Jan 2002 20:17:19 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54978-2002.01.03-19.47.19--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Earlier today, I changed two of the options of this list:

1. Only subscribers to this list are now allowed to contribute messages
to this list.

2. All new subscribers to this list must be approved by the
administrator of this list.

Item 1 means that you can only send messages to the list from the email
address that you subscribed with. If you are using a different email address
to send messages to this list, you will have to subscribe with that email
address, too. (If you do this, you can eliminate the duplicate receipt of
messages from the list by setting one of your subscriptions to receive no
mail from the list.)

Item 2 means more work for me, but that's why I get paid the big bucks for
administrating this list.

I made these changes to APRSSIG last year and they eliminated the spam and
other nonsense that the APRSSIG was experiencing. The changes should have
the same effect here.

By the way, some may ask why I don't set up some filters to eliminate the
problem, but that is not an option with the SIG software TAPR uses.

Thank you for your cooperation,

Stan, WA1LOU, Your List's Administrator

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

15. [htaprs] Re: ADMIN: Changes to this list

From: "John" <jwhughes@bellsouth.net>
Date: Thu, 3 Jan 2002 20:47:59 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-54997-2002.01.03-20.17.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Thank You!!!

Johh, ks4xn

----- Original Message -----
From: "Stan Horzepa" <stanzepa@earthlink.net>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, January 03, 2002 8:17 PM
Subject: [htaprs] ADMIN: Changes to this list

> Earlier today, I changed two of the options of this list:
>
> 1. Only subscribers to this list are now allowed to contribute messages
> to this list.
>
> 2. All new subscribers to this list must be approved by the
> administrator of this list.
>
> Item 1 means that you can only send messages to the list from the email
> address that you subscribed with. If you are using a different email
address
> to send messages to this list, you will have to subscribe with that email
> address, too. (If you do this, you can eliminate the duplicate receipt of
> messages from the list by setting one of your subscriptions to receive no
> mail from the list.)
>
> Item 2 means more work for me, but that's why I get paid the big bucks for
> administrating this list.
>
> I made these changes to APRSSIG last year and they eliminated the spam and
> other nonsense that the APRSSIG was experiencing. The changes should have
> the same effect here.
>
> By the way, some may ask why I don't set up some filters to eliminate the
> problem, but that is not an option with the SIG software TAPR uses.
>

> Thank you for your cooperation,
>
> Stan, WA1LOU, Your List's Administrator
>
>
> ---
> You are currently subscribed to htaprs as: jwhughes@bellsouth.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

16. [htaprs] Problem with Kenwood TM-700/Garmin GPS 35 Combo

From: Timothy Brown-TM <Timothy.Brown@telus.com>
Date: Thu, 3 Jan 2002 21:14:11 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55002-2002.01.03-20.43.25--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have the TM-700 in my car with Garmin's GPS 35 positioned inside at the
car's back window.

The configuration has worked flawlessly until we got our first cold snap a
few weeks ago. By cold, temperatures have been around -5 to -10 Celsius.
(BTW, this is well within the operating specifications of either unit).

Anyway, what I'm noticing is the "GPS" on the display of the TM-700 doesn't
flash (i.e.: the TM-700 isn't receiving position data from the Garmin, all
readings stay at zero) until the temperature in the car gets fairly warm.
Any thoughts as to what the problem could be? Maybe it isn't a temperature
issue -- although it sure appears that way.

Comments appreciated.

73,

Tim Brown (VE3TMB) FN04

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

17. [htaprs] Re: Problem with Kenwood TM-700/Garmin GPS 35 Combo

From: "Mark Endicott" <mark@nashvilletn.org>
Date: Thu, 3 Jan 2002 21:13:33 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55029-2002.01.03-21.43.46--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Tim,

I believe that the 35 has an internal lithium battery to store it's
settings. If the internal battery voltage drops below it's limit the GPS
will start up in "autolocate"
when you apply 12 volts. This will delay your lock about 5 minutes which
may seem like a "warm up period" Try leaving the power on the GPS all of
the time and see if it works when cold. I had a similar problem with the
early version of the GPS 30 (it think) and I just left it powered
constantly.

Mark
Nashville
WB0NOO

----- Original Message -----
From: "Timothy Brown-TM" <Timothy.Brown@telus.com>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Thursday, January 03, 2002 8:14 PM
Subject: [htaprs] Problem with Kenwood TM-700/Garmin GPS 35 Combo

I have the TM-700 in my car with Garmin's GPS 35 positioned inside at the
car's back window.

The configuration has worked flawlessly until we got our first cold snap a
few weeks ago. By cold, temperatures have been around -5 to -10 Celsius.
(BTW, this is well within the operating specifications of either unit).

Anyway, what I'm noticing is the "GPS" on the display of the TM-700 doesn't
flash (i.e.: the TM-700 isn't receiving position data from the Garmin, all
readings stay at zero) until the temperature in the car gets fairly warm.
Any thoughts as to what the problem could be? Maybe it isn't a temperature
issue -- although it sure appears that way.

Comments appreciated.

73,

Tim Brown (VE3TMB) FN04

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

18. [htaprs] D7AG newbie question.

From: "Brian L. Fulmer" <bfulmer@ix.netcom.com>
Date: Fri, 04 Jan 2002 00:15:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55047-2002.01.03-23.49.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hello All,

    I have a question that I hope is not to ignorant or stupid. Here
goes: I've owned a TH-D7 for about a year and a half. I use it quite a
bit for APRS with a GPS 5. It comes on and says "TH-D7", and now I'm
seeing articles about TH-D7A(G) versions. My questions are basically:
what is the advantage of the TH-D7A(G), and is it possible to upgrade my
unit?

    Any help would be helpful.

    Sincerely,

    Brian Fulmer

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

19. [htaprs] RE:Problem with Kenwood TM-700/Garmin GPS 35 Combo

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 4 Jan 2002 11:06:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55192-2002.01.04-12.39.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Timothy Brown-TM <Timothy.Brown@telus.com>

>I have the TM-700 in my car with Garmin's GPS 35 positioned inside at the
>car's back window.
>
>The configuration has worked flawlessly until we got our first cold snap a
>few weeks ago. By cold, temperatures have been around -5 to -10 Celsius.
>(BTW, this is well within the operating specifications of either unit).
>
>Anyway, what I'm noticing is the "GPS" on the display of the TM-700 doesn't
>flash (i.e.: the TM-700 isn't receiving position data from the Garmin, all
>readings stay at zero) until the temperature in the car gets fairly warm.
>Any thoughts as to what the problem could be? Maybe it isn't a temperature
>issue -- although it sure appears that way.
>
>Comments appreciated.

My Garmin 35 Trackpak has worked perfectly all the way down to -32C, for
what that's worth to you.

It's not completely impossible for yours to be experiencing too much
detuning on the patch antenna due to thermal contraction. That's one reason
why they use a ceramic substrate, but there are limits, and manufacturing
tolerances.

73,

Tony KD7TA

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

20. [htaprs] Re: Problem with Kenwood TM-700/Garmin GPS 35 Combo

From: "Curt Mills, WE7U" <hacker@tc.fluke.com>
Date: Fri, 4 Jan 2002 10:20:12 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-55193-2002.01.04-12.49.32--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 3 Jan 2002, Mark Endicott wrote:

> I believe that the 35 has an internal lithium battery to store it's
> settings. If the internal battery voltage drops below it's limit the GPS
> will start up in "autolocate"
> when you apply 12 volts.

I had a GPS35 that bit the dust because it's internal thermistor broke,
came desoldered, etc. It was reporting a problem with it's temperature
sensor in it's status string, and that was all she wrote. No more
positions. I had it replaced and the new one works great.

It's possible that you've got a solder connection that has to warm up
now to work.

A bit of testing and you'll figure out what the problem really is.

If you hook up a laptop to the device and capture the initial
strings, it may be telling you what's wrong as well.

Curt Mills, WE7U   hacker.NO_*SPAM@tc.fluke.com
Senior Methods Engineer/SysAdmin
"Lotto: A tax on people who are bad at math." -- unknown
"Windows: Microsoft's tax on computer illiterates." -- WE7U

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

21. [htaprs] RE:Problem with Kenwood TM-700/Garmin GPS 35 Combo

From: "Monte Variakojis" <monte@msn.com>
Date: Fri, 4 Jan 2002 10:44:44 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55197-2002.01.04-13.14.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi,

Comment:

Interesting point made here - GPS receivers use a quartz oscillator (between
1 - 10PPM) and as some of us know, oscillators are affected by temperature.
Without getting into lot of detail, the frequency of the oscillator is
important for the GPS receiver lock to the incoming signal. Some GPS
manufacturers will compensate in software the frequency offset due to
temperature. I.E. The oscillator is run through a temperature cycle and the
frequency vs. temperature is recorded and later compensated for in software.

Not all manufactures will profile each oscillator and may use a temperature
model based on the cut of the quartz oscillator. This will work most of the

time, but is not the optimal. Hence extreme temperatures may case the
oscillator to drift too far for the GPS to track properly.

For the most part, GPS receivers will work well in extreme temperatures
while tracking satellites. However, they may show degraded time to first fix
performance when powered up in extreme temperatures.

73 - KE6GQO

Monte Variakojis
monte@apollocom.com

----- Original Message -----
From: "Tony Arnerich" <TArnerich@IN-SITU.COM>
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Sent: Friday, January 04, 2002 10:06 AM
Subject: [htaprs] RE:Problem with Kenwood TM-700/Garmin GPS 35 Combo

> Timothy Brown-TM <Timothy.Brown@telus.com>
>
> >I have the TM-700 in my car with Garmin's GPS 35 positioned inside at the
> >car's back window.
> >
> >The configuration has worked flawlessly until we got our first cold snap
a
> >few weeks ago. By cold, temperatures have been around -5 to -10 Celsius.
> >(BTW, this is well within the operating specifications of either unit).
> >
> >Anyway, what I'm noticing is the "GPS" on the display of the TM-700
doesn't
> >flash (i.e.: the TM-700 isn't receiving position data from the Garmin,
all
> >readings stay at zero) until the temperature in the car gets fairly warm.
> >Any thoughts as to what the problem could be? Maybe it isn't a
temperature
> >issue -- although it sure appears that way.
> >
> >Comments appreciated.
>
> My Garmin 35 Trackpak has worked perfectly all the way down to -32C, for
> what that's worth to you.
>
> It's not completely impossible for yours to be experiencing too much
> detuning on the patch antenna due to thermal contraction. That's one
reason
> why they use a ceramic substrate, but there are limits, and manufacturing
> tolerances.
>
> 73,
>
> Tony KD7TA
>
>
> ---
> You are currently subscribed to htaprs as: monte@msn.com
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

22. [htaprs] D700 lock up?

From: "Richard Amirault" <ramirault@erols.com>
Date: Fri, 4 Jan 2002 19:53:16 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55283-2002.01.04-19.22.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hmmm....started having a problem with my D700 the last few days. I key the
mike and when I unkey the transmitter stays keyed. I haven't tested it yet,
but it appears that no audio is getting thru when I talk either. If I switch

PTT from Band B to Band A it happens there as well. Yet packet transmissions
keyed by the APRS circuit work just fine.

Anyone have any idea, or have it happen you you?

Richard Amirault N1JDU Boston,
MA, USA
www.erols.com/ramirault "Go Fly A Kite"

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

23. [htaprs] Broken D7A Tuning Knob

From: Ralph Milnes <milnes1@rcn.com>
Date: Sat, 05 Jan 2002 20:16:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55474-2002.01.05-19.46.17--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

It finally happened.

My D7A fell all of 14" and broke the tuning knob off.

Anyone had a similar experience? Looking at the radio design, I can't
believe how fragile the knob stem was. Very disappointing.

I'm out of warranty. Guess this will cost me.

Ralph, KC2RLM

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

24. [htaprs] Re: Broken D7A Tuning Knob

From: Robert Winingham <kc5ejk@earthlink.net>
Date: Sun, 6 Jan 2002 12:51:58 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55597-2002.01.06-13.19.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>It finally happened.
>
>My D7A fell all of 14" and broke the tuning knob off.
>
>Anyone had a similar experience? Looking at the radio design, I can't believe how fragile the knob
stem was. Very disappointing.

Just a few from the archives when I searched under KNOB.

Date: Thu, 11 May 2000 21:10:28 -0500
From: "Eric A. Cottrell" <eac@shore.net>
Subject: [htaprs] Broken D-7A

Date: Sun, 09 Jul 2000 19:27:38 -0500
From: "Eric A. Cottrell" <eac@shore.net>
Subject: [htaprs] D7 Encoder Knob broke, AGAIN!!!!

Date: Mon, 20 Aug 2001 12:34:59 -0500
From: "Mark Conner" <mconner1@home.com>
Subject: [htaprs] Cost to fix a TH-D7 knob?

Date: Mon, 20 Aug 2001 13:55:19 -0400
From: "Rich Carter" <rich.carter@windriver.com>
Subject: [htaprs] RE: Cost to fix a TH-D7 knob?
Mine snapped off a few months ago. I sent it in for a firmware upgrade.

--

----- kc5ejk@earthlink.net or kc5ejk@amsat.org -----

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

25. [htaprs] HP Jornada?

From: "Jeff Tong" <brcomm@imt.net>
Date: Sun, 6 Jan 2002 14:38:03 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55611-2002.01.06-16.07.45--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Has anyone used APRSCE on Jornada 547 or that series of devices. I just got
one and am curious.
Jeff
AA7GK

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

26. [htaprs] Re: htaprs digest: January 05, 2002

From: William Robison <william-robison@uiowa.edu>
Date: Mon, 07 Jan 2002 08:32:17 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55737-2002.01.07-09.00.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

TAPR Hot Technology APRS digest wrote:
> TAPR Hot Technology APRS Digest for Saturday, January 05, 2002.
>
> 1. Broken D7A Tuning Knob
>
> --
>
> Subject: Broken D7A Tuning Knob
> From: Ralph Milnes <milnes1@rcn.com>
> Date: Sat, 05 Jan 2002 20:16:49 -0500
> X-Message-Number: 1
>
> It finally happened.
>
> My D7A fell all of 14" and broke the tuning knob off.
>
> Anyone had a similar experience? Looking at the radio design, I can't
> believe how fragile the knob stem was. Very disappointing.
>
> I'm out of warranty. Guess this will cost me.
>
Ralph:
    Same experience, but I guess I lucked out and only
bent the shaft. I lost one of the battery mounting tabs...

-Willy
KC0JFQ

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

27. [htaprs] Re: Broken D7A Tuning Knob

From: Ralph Milnes <milnes1@rcn.com>
Date: Tue, 08 Jan 2002 01:03:39 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55871-2002.01.08-00.33.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mon, 07 Jan 2002 08:32:17 -0600 Willy wrote:

>Ralph:
>   Same experience, but I guess I lucked out and only

>bent the shaft. I lost one of the battery mounting tabs...

"Me, too" on the battery mounting tab. I *just* had the radio into the
service center to get that fixed.

Hmmm ... am I detecting a pattern of material deficiencies in this rig?
Anybody received a recall notice from Kenwood for these problems? :-)

73,
Ralph, KC2RLM

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

28. [htaprs] Re: Broken D7A Tuning Knob

From: Phil Reed <preed@dnaco.net>
Date: Tue, 08 Jan 2002 06:55:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55890-2002.01.08-06.31.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:03 AM 1/8/2002 -0500, Ralph Milnes wrote:
> Mon, 07 Jan 2002 08:32:17 -0600 Willy wrote:
>
>>Ralph:
>>   Same experience, but I guess I lucked out and only
>>bent the shaft. I lost one of the battery mounting tabs...
>
>"Me, too" on the battery mounting tab. I *just* had the radio into the
>service center to get that fixed.
>
>Hmmm ... am I detecting a pattern of material deficiencies in this rig?
>Anybody received a recall notice from Kenwood for these problems? :-)

I gave up on the battery pack belt clip the minute I saw it. The Kenwood
pouch is much safer. It does interfere somewhat with being able to press
the buttons and it makes it a little harder to read the display, but the
radio WILL NOT fall out. (I lace the top strap around the volume knob and
the antenna.)

                                  ...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

29. [htaprs] Re: Broken D7A Tuning Knob

From: robhanson@juno.com
Date: Tue, 8 Jan 2002 11:30:08 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55963-2002.01.08-14.01.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I use one of the "stick on" buttons and a belt clip that it latches in.
I have the same thing on all my radios and phones. On the D7, the button
sticks quite nicely just below the slots for the Kenwood (poorly
designed) clip. I bought mine at All Electronics, but similar units are
available everywhere. The belt clip is big and sturdy, the radio swivels
in the clip, and the radio is easy to remove for use.

73
Rob
W6RH

On Tue, 08 Jan 2002 06:55:49 -0500 Phil Reed <preed@dnaco.net> writes:
> At 01:03 AM 1/8/2002 -0500, Ralph Milnes wrote:

> > Mon, 07 Jan 2002 08:32:17 -0600 Willy wrote:
> >
clip
>
> I gave up on the battery pack belt clip the minute I saw it. The
> Kenwood
> pouch is much safer. It does interfere somewhat with being able to
> press
> the buttons and it makes it a little harder to read the display, but
> the
> radio WILL NOT fall out. (I lace the top strap around the volume
> knob and
> the antenna.)
>
> "For a list of all the ways technology has failed
>   to improve the quality of life, press 3."
>

_____
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Join Juno today! For your FREE software, visit:
http://dl.www.juno.com/get/web/.

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

30. [htaprs] Re: D7AG newbie question.

From: "Phillip Pacier" <ad6nh@arrl.net>
Date: Tue, 8 Jan 2002 14:40:55
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-55975-2002.01.08-15.10.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

http://www.kenwood.net/products/index.cfm?AMA=open&ama_hheld=open&radio=TH-D7AG&selection=Amateur&ID=80

It's a hell of a URL, but this takes you directly to the D7A-G page on
Kenwood's website. There are PDF docs there that explain the "G"
difference. Hope this helps. 73s

Phil Pacier AD6NH
Southwest CA Skywarn Coordinator
ahubca.net aprs server

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

31. [htaprs] Re: D7AG newbie question.

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 08 Jan 2002 21:08:55 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56048-2002.01.08-23.39.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Brian,

Does the GPS 5 actually have the NMEA Data In capability so the APRS
stations show up as waypoints on the GPS 5 screen??? I do not think it
does, but I sure hope it does!

Phil   KD6SP

"Brian L. Fulmer" wrote:

> Hello All,
>
>   I have a question that I hope is not to ignorant or stupid. Here
> goes: I've owned a TH-D7 for about a year and a half. I use it quite a
> bit for APRS with a GPS 5. It comes on and says "TH-D7", and now I'm
> seeing articles about TH-D7A(G) versions. My questions are basically:
> what is the advantage of the TH-D7A(G), and is it possible to upgrade my
> unit?
>

> Any help would be helpful.
>
> Sincerely,
>
> Brian Fulmer
>
> ---
> You are currently subscribed to htaprs as: pbclark1@attglobal.net
> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

32. [htaprs] Re: D7AG newbie question.

From: Phillip Clark <pbclark1@attglobal.net>
Date: Tue, 08 Jan 2002 21:47:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56058-2002.01.09-00.17.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Not necessarily! Thanks, but I need to know for sure.

Dale Blanchard wrote:

> Phillip Clark wrote:
>
> > Brian,
> >
> > Does the GPS 5 actually have the NMEA Data In capability so the APRS
> > stations show up as waypoints on the GPS 5 screen??? I do not think it
> > does, but I sure hope it does!
> >
> > Phil   KD6SP
> >
>
> My GPS III + does, so the V should have it.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

33. [htaprs] Re: D7AG newbie question.

From: wstrong@cse.l-3com.com
Date: Wed, 9 Jan 2002 08:00:00 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56137-2002.01.09-07.29.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

According to the GPS V manual, page 62 "Supports the output of standard NMEA 0183
version 2.30 data. No input functions are enabled." So, I guess is doesn't
support input of APRS stations as waypoints. Does anyone have a GPS V connected
to a D7 or D700 and can check this out? Hopefully, a later firmware version will
support the NMEA input.

Bill
N2VRG

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34. [htaprs] Not APRS

From: MEWintle@aol.com
Date: Wed, 9 Jan 2002 09:17:45 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56141-2002.01.09-08.47.30--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

but an interesting tracker alternative:

http://www.garmin.com/products/rino/index.html

<A HREF="http://www.garmin.com/products/rino/index.html">
http://www.garmin.com/products/rino/index.html</A>

Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

35. [htaprs] Re: Not APRS

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Wed, 9 Jan 2002 06:36:19 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56147-2002.01.09-09.07.09--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Interesting, but I didn't see power ratings. With 3AA batteries for both the radio and GPS, it's unlikely to have say a 2W amp like a Cobra or other GMRS radio. It will be useful at the mall, but the GPS won't work in the mall. Other than hiking in the open areas, it might not have the necessary range.

UWB anyone??

Will be interesting to see how their peer to peer protocol will work.

KC6RTB
dog finder architect

----- Original Message -----
From: MEWintle@aol.com
Sent: Wednesday, January 09, 2002 6:21 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Not APRS

but an interesting tracker alternative:

http://www.garmin.com/products/rino/index.html
<A HREF="http://ftp.tapr.org/tapr_history/SIG_Archives/aprssig/htaprs/3D"http://www.garmin.com/products/rino/index.html"">
http://www.garmin.com/products/rino/index.html</A>

Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.orgGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

36. [htaprs] Kenwood THD7, DS and BY command function question

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 9 Jan 2002 8:38:10
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56148-2002.01.09-09.07.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Good Morning,

I am not clearjust how these commands are working on the THD7.

I thought someone on this SIG could shed some more light on this for me.

Does the DS command simply turn on DCD Sense???

Or will it report a 0 for a not busy , 1 for a busy channel?

What exactly is the function of the BY or Busy command???

How does it differ from the DS command???

When you send these commands to the THD7 will it interupt or have any
adverse effects on transmitting or receiving signals???

I am planning on implementing this as a polling application, 50 - 100 times
a second as a trigger or Carrier Operated Relay COR for echostation
software from K1RFD.

Or could this be done any easier by sending in KISS TNC commands???

As always thanks in advance for your answers,

73's

Randy R. Creller
K1RTV

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

37. [htaprs] Re: Folding Keyboards and the Kenwood D700

From: "Randy R. Creller" <RandyRoo@hotmail.com>
Date: Wed, 9 Jan 2002 8:56:9
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56153-2002.01.09-09.25.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Here is one for you.

I jsut saw in the latest TigerDirect catalog http:\\www.tigerdirect.com

There is a Rollup keyboard available that is full size.

What will they think of next.

Neat thing is you can get this one wet, I.E. use it in harsh envirnments
like a rainy field day.

Just and FYI,

Randy R. Creller
K1RTV

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38. [htaprs] Re: Not APRS

From: MEWintle@aol.com
Date: Wed, 9 Jan 2002 10:09:15 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56156-2002.01.09-09.38.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The antenna looks vaguely J-Pole like.

I don't understand the scrambling feature. The FCC rules for GMRS
specifically prohibit coded messages (excepting "10-codes"), I assume there's
a similar prohibition on FRS coded messages.

http://frwebgate.access.gpo.gov/cgi-bin/get-cfr.cgi?TITLE=47&PART=95&SECTION=1

83&YEAR=2000&TYPE=TEXT

I haven't heard anything about Garmin asking the FCC for a change or wavier.

Mark W1NTL

In a message dated 1/9/02 9:42:19 AM Eastern Standard Time,
tedmcom@hotmail.com writes:

> Interesting, but I didn't see power ratings. With 3AA batteries for both
the
> radio and GPS, it's unlikely to have say a 2W amp like a Cobra or other
GMRS
> radio. It will be useful at the mall, but the GPS won't work in the mall.
> Other than hiking in the open areas, it might not have the necessary range.
>
> UWB anyone??
>
> Will be interesting to see how their peer to peer protocol will work.
>
> KC6RTB
> dog finder architect
>

> ----- Original Message -----
> From: MEWintle@aol.com
> Sent: Wednesday, January 09, 2002 6:21 AM
> To: TAPR Hot Technology APRS
> Subject: [htaprs] Not APRS
>
> but an interesting tracker alternative:
>
> http://www.garmin.com/products/rino/index.html
> <A HREF="http://www.garmin.com/products/rino/index.html">
> http://www.garmin.com/products/rino/index.html</A>
>
> Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

39. [htaprs] RE: Not APRS

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 9 Jan 2002 11:02:02 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56172-2002.01.09-10.31.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ok, Kenwood, Icom, Yaesu. Why have we not seen a radio like this for ham
radio? That's not a J-pole on the top but a GPS and UHF antenna.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
IP Phone 317.278.4014   Change is inevitable except from a vending machine.

-----Original Message-----
From: MEWintle@aol.com [mailto:MEWintle@aol.com]
Sent: Wednesday, January 09, 2002 9:18 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Not APRS

but an interesting tracker alternative:

http://www.garmin.com/products/rino/index.html
<A HREF="http://www.garmin.com/products/rino/index.html">
http://www.garmin.com/products/rino/index.html</A>

Mark W1NTL

You are currently subscribed to htaprs as: hazen@indiana.edu
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

40. [htaprs] RE: Not APRS

From: Bill Vodall - WA7NWP <wa7nwp@yahoo.com>
Date: Wed, 09 Jan 2002 08:33:33 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56185-2002.01.09-11.05.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:02 AM 1/9/02 -0500, Hazen, Dwight L wrote:
>Ok, Kenwood, Icom, Yaesu. Why have we not seen a radio like this for ham
>radio?

1. Restrictive amateur rules
2. Even worse, ham-shack lawyers that try to nit-pick the existing rules.
3. A small customer base that doesn't want to spend any money.

Pogo was right.

Bill, WA7NWP

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

41. [htaprs] RE: Not APRS

From: "Jesse " <jesse@kc5los.com>
Date: Wed, 9 Jan 2002 10:42:55 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56186-2002.01.09-11.12.38--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

First of all ... Why would we want it in Ham Radio? Just another button
to hit accidently. Another problem like it was mentioned.. Only 3 AAA
batts.. Not much power out. If we were to use this GPS stuff in ham
radio.. It would have to be on 2 Meters where the APRS stuff is. Battery
consumption increased as opposed to 70cm only. Kenwood does have it half
way though with the D7a. You can get a small GPS cheap to attach to
it... For me I would prefer to have a separate GPS so I can run my maps
on something else that is battery powered. Less drain of my radio
battery.

But then again.. A all in one might be handy for others.

-----Original Message-----
From: bounce-htaprs-24141@lists.tapr.org
[mailto:bounce-htaprs-24141@lists.tapr.org] On Behalf Of Hazen, Dwight L
Sent: Wednesday, January 09, 2002 10:02 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: Not APRS

Ok, Kenwood, Icom, Yaesu. Why have we not seen a radio like this for ham
radio? That's not a J-pole on the top but a GPS and UHF antenna.

  Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
IP Phone 317.278.4014   Change is inevitable except from a vending
machine.

-----Original Message-----
From: MEWintle@aol.com [mailto:MEWintle@aol.com]
Sent: Wednesday, January 09, 2002 9:18 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Not APRS

but an interesting tracker alternative:

http://www.garmin.com/products/rino/index.html
<A HREF="http://www.garmin.com/products/rino/index.html">
http://www.garmin.com/products/rino/index.html</A>

Mark W1NTL

You are currently subscribed to htaprs as: hazen@indiana.edu
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

---
You are currently subscribed to htaprs as: jesse@kc5los.com
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

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42. [htaprs] Re: Not APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Wed, 09 Jan 2002 11:08:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56188-2002.01.09-11.38.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 09:09 AM 1/9/02, MEWintle@aol.com wrote:

>I don't understand the scrambling feature. The FCC rules for GMRS
>specifically prohibit coded messages (excepting "10-codes"), I assume there's
>a similar prohibition on FRS coded messages.

You know what happens when you assume?....

No such prohibition on FRS. Scrambling is OK.

Mark
KC7BXS

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43. [htaprs] Re: Not APRS

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Wed, 9 Jan 2002 09:17:30 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56191-2002.01.09-11.48.28--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

So if the location coded data is sent through the FRS frequences as opposed to the GMRS frequencies, then you're limited to 500mw (usually these devices are more like 50-200mw) and half deviation.

What's the purpose of the GMRS, unless there were like 6 or 8 AA cells in the unit? Plus it puts the burden of the consumer to do the paperwork for GMRS licensing.

Am I missing something here?

----- Original Message -----
From: Mark Fellhauer
Sent: Wednesday, January 09, 2002 9:13 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] Re: Not APRS

At 09:09 AM 1/9/02, MEWintle@aol.com wrote:

>I don't understand the scrambling feature. The FCC rules for GMRS
>specifically prohibit coded messages (excepting "10-codes"), I assume there's
>a similar prohibition on FRS coded messages.

You know what happens when you assume?....

No such prohibition on FRS. Scrambling is OK.

Mark
KC7BXS

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44. [htaprs] RE: Not APRS

From: "Hazen, Dwight L" <hazen@indiana.edu>
Date: Wed, 9 Jan 2002 14:22:23 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56211-2002.01.09-13.52.09--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

Jesse,

I did not mean to say I wanted this radio on ham frequencies. But I would like to see a better APRS radio than my three year old Kenwood D7 come to market soon! A built in GPS and display would be nice, water proof, built to withstand being dropped and knobs that do not break off. Battery packs that do not fall apart and last longer than 3 hours. So I am hoping that someone will build a new aprs HT before I grow too old to use it.

Dwight

Dwight L. Hazen, Indiana University, UITS
Bloomington, In. 47408-7378 Phone 812-855-5367 hazen@indiana.edu
http://php.ucs.indiana.edu/~hazen/ Ham Radio wb9tlh@arrl.net
IP Phone 317.278.4014 Change is inevitable except from a vending machine.

-----Original Message-----
From: Jesse [mailto:jesse@kc5los.com]
Sent: Wednesday, January 09, 2002 11:43 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: Not APRS

First of all ... Why would we want it in Ham Radio? Just another button to hit accidently. Another problem like it was mentioned.. Only 3 AAA batts.. Not much power out. If we were to use this GPS stuff in ham radio.. It would have to be on 2 Meters where the APRS stuff is. Battery consumption increased as opposed to 70cm only. Kenwood does have it half way though with the D7a. You can get a small GPS cheap to attach to it... For me I would prefer to have a separate GPS so I can run my maps on something else that is battery powered. Less drain of my radio battery.

But then again.. A all in one might be handy for others.

-----Original Message-----
From: bounce-htaprs-24141@lists.tapr.org
[mailto:bounce-htaprs-24141@lists.tapr.org] On Behalf Of Hazen, Dwight L
Sent: Wednesday, January 09, 2002 10:02 AM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE: Not APRS

Ok, Kenwood, Icom, Yaesu. Why have we not seen a radio like this for ham radio? That's not a J-pole on the top but a GPS and UHF antenna.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

45. [htaprs] RE: HP Jornada?

From: "Rik Stallings" <rik@lcsd.logan.k12.ut.us>
Date: Wed, 9 Jan 2002 13:11:55 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56215-2002.01.09-14.44.36--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I've been using it for a couple of months now on my 548 and it works very well. It's especially cool now that I have an 802.11b card and can have the Internet feed going as well as the local RF (via my D7A). If the software supported it, it would be a great way to make a super compact I-gate.

Good luck,
Rik - N7XZ

----Original Message-----
>From: "Jeff Tong" <brcomm@imt.net>
>To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
>Cc:
>Bcc:
>Subj: [htaprs] HP Jornada?
>Type: IPM.Note
>Sent: Sunday, January 06, 2002 2:40 PM
>
>Has anyone used APRSCE on Jornada 547 or that series of devices. I just

got
>one and am curious.
>Jeff
>AA7GK
>
>
>
>---
>You are currently subscribed to htaprs as: n7xz@arrl.net
>To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
>Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

46. [htaprs] Re: D7AG newbie question.

From: Bob Bruninga <bruninga@usna.edu>
Date: Wed, 9 Jan 2002 22:01:31 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56273-2002.01.09-21.34.58--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I assume somewhere we have a LIST of all known GPS's that do accept the
Waypoints and those that dont. Anyone know the URL?

If not, Any volunteers?

Bob

de WB4APR@amsat.org, Bob

PCsat WEB page   http://www.ew.usna.edu/~bruninga/pcsat.html
ISS-APRS FAQ: http://www.ew.usna.edu/~bruninga/iss-faq.html
CUBESAT Designs   http://www.ew.usna.edu/~bruninga/cubesat.html
APRS LIVE pages   http://www.ew.usna.edu/~bruninga/aprs.html
APRS SATELLITES   http://www.ew.usna.edu/~bruninga/astars.html
MIM/Mic-E/Mic-Lite http://www.toad.net/~wclement/bruninga/mic-lite.html

---
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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

47. [htaprs] RE: Not APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Wed, 09 Jan 2002 21:39:04 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56286-2002.01.09-22.17.26--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 01:22 PM 1/9/02, Hazen, Dwight L wrote:

>...built in GPS and display would be nice, water proof, built to
>withstand being dropped and knobs that do not break off. Battery packs that
>do not fall apart and last longer than 3 hours...

Lessee, Motorola makes a radio that meets your durability and battery
longevity requirements.   Oh yeah, they cost $1700.00 to $3500.00 each
(and require tens of millions of dollars in infrastructure to work) , but
you get a leather or nylon holster with each purchase. Dunno what they'ed
charge for the built-in GPS and TNC add-on.

73,

Mark
KC7BXS

You are currently subscribed to htaprs as: lyris.htaprs@tapr.org

To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

48. [htaprs] RE: Not APRS

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 10 Jan 2002 09:36:51 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56395-2002.01.10-11.04.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yaesu also makes a radio that meets the stated durability and battery longevity
requirements... they cost $130. By no means is Kenwood off the hook for making
a $450 HT that is as fragile as a crystal goblet.

--
Brian N0KZ

Mark Fellhauer wrote:

> At 01:22 PM 1/9/02, Hazen, Dwight L wrote:
>
> >...built in GPS and display would be nice, water proof, built to
> >withstand being dropped and knobs that do not break off. Battery packs that
> >do not fall apart and last longer than 3 hours...
>
> Lessee, Motorola makes a radio that meets your durability and battery
> longevity requirements.   Oh yeah, they cost $1700.00 to $3500.00 each

---
You are currently subscribed to htaprs as: lyris.htaprs@tapr.org
To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

49. [htaprs] RE: Not APRS

From: Bob Bruninga <bruninga@usna.edu>
Date: Thu, 10 Jan 2002 11:44:01 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56398-2002.01.10-11.13.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Thu, 10 Jan 2002, Brian Badger wrote:

> Yaesu also makes a radio that meets the stated durability and battery longevity
> requirements... they cost $130. By no means is Kenwood off the hook for making
> a $450 HT that is as fragile as a crystal goblet.

I have dropped mine dozens of times on hard floors and concrete and have
never had the battery clip break. Although I have busted off the knob.
But dont need the knob. I use the joy stick or keyboard... or serial PC
controls, etc...

Bob

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

50. [htaprs] RE: Not APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 10 Jan 2002 11:08:47 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56402-2002.01.10-11.38.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:36 AM 1/10/02, Brian Badger wrote:
>Yaesu also makes a radio that meets the stated durability and battery
>longevity
>requirements... they cost $130. By no means is Kenwood off the hook for
>making
>a $450 HT that is as fragile as a crystal goblet.

I take it you're referring to the VX-110, a single band radio, with an 8
button keypad.   Now add a much larger display, a dual mode TNC, a second
band, a 4-way rocker switch, a PC port and a GPS port.   Will it still meet

the same requirements? Doubt it.   I had a Yaesu FT-41R that was a tough
little radio and even took a spill out of a jeep at speed onto the tarmac
without damage...but it didn't land on the encoder knob...

OTOH, I had an FT-51R, the big brother of the same radio, and I could not
say that it would survive the same "Jeep Test." Furthermore, I feel that
Yaesu is practicing the Japanese business strategy of "dumping" with the
VX-110/VX-150.   Although this is great for U.S. Consumers, it's a business
practice that has come back to bite more than one Japanese company in
recent years.

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

51. [htaprs] Guayaquil APRS

From: "Jon Haskell" <kb9cml@att.net>
Date: Thu, 10 Jan 2002 12:17:49 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'TAPR Hot Technology APRS'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56403-2002.01.10-11.52.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Going to be in Guayaquil next week. Does anyone know if there is a VHS APRS
digi down there?
Jon, W8JON

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

52. [htaprs] Re: Not APRS

From: Brian Badger <Brian.Badger@wcom.com>
Date: Thu, 10 Jan 2002 10:30:57 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56405-2002.01.10-11.58.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

I would say that it would! The D7A has never failed through use of its
display, its TNC, both bands or it's rocker switch.   It fails due to three
awful design elements: 1) a very heavy battery that is connected to the radio
by a millimeter wide piece of plastic. 2) an encoder shaft that shatters at
the slightest amount of stress, and 3) a flimsy belt clip that attaches to the
battery, not the radio.   In 2 years of ownership, my D7 has been in Kenwood
service _4_ times, and the repairs have placed the "cost of ownership" at over
$700!   Kenwood's cost to put heavy duty hardware at these points of failure
would have been less than $15 per unit.

Would the VX-110 be more expensive if it had the D7A's feature set?
Certainly! Would it be flimsy? No. We need to stop making excuses for
Kenwood.
--
Brian N0KZ

Mark Fellhauer wrote:

> At 10:36 AM 1/10/02, Brian Badger wrote:
> >Yaesu also makes a radio that meets the stated durability and battery
> >longevity requirements... they cost $130.
> I take it you're referring to the VX-110, a single band radio, with an 8
> button keypad.   Now add a much larger display, a dual mode TNC, a second
> band, a 4-way rocker switch, a PC port and a GPS port.   Will it still meet
> the same requirements? Doubt it.

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

53. [htaprs] GPS-Outfitted FSRs (was Not APRS)

From: Ralph Milnes <milnes1@rcn.com>
Date: Thu, 10 Jan 2002 13:45:13 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56421-2002.01.10-13.14.47--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Someone asked about GPS-outfitted FSRadios:

>First of all ... Why would we want it in Ham Radio?

One use might be letting non-hams help in races/marathons/SAR etc that are using ham-based APRS. A separate FSR net might be useful. For example, in our local foot races, we let Boy Scouts on FSRs help report positions/situations. A ham monitoring the FSR acts as the relay to 2 meters.

I wonder how we'd port the GPS info to the APRS (ham) systems? Manually. Or since FSR frequencies can be monitored by most 440 radios, can the data be fed directly? I wonder what the GPS data sentence from the FSR looks like? decode-able by APRS programs?

So GPS-equipped FSRs might be another source of trackers. But at $200+ (MSRP) who's going to be buying these? I think cost will dictate their practicality and availability for such a ham/FSR integration.

Another thought -- these radios might be great alternatives for balloon chasing. No need for the complexities of ham trackers. Not only could the chasers "see" the balloon, but anyone on the balloon could see the chasers.

And, yes, I agree that ham APRS radios ought to at least offer an GPS add on. If the D7s and 700s were made for APRS and APRS relies a lot on GPS, why don't the radios have integrated GPSs for convenience? You're probably going to want one anyway?

Ralph, KC2RLM

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

54. [htaprs] Re: Not APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Thu, 10 Jan 2002 23:14:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56553-2002.01.10-23.44.05--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:30 AM 1/10/02, Brian Badger wrote:

>Would the VX-110 be more expensive if it had the D7A's feature set?
>Certainly! Would it be flimsy? No. We need to stop making excuses for
>Kenwood.

I would like to make this clear, I am no apologist for Kenwood. Nor have I made any excuses for them...

>... It fails due to three
>awful design elements: 1) a very heavy battery that is connected to the radio
>by a millimeter wide piece of plastic. 2) an encoder shaft that shatters at
>the slightest amount of stress, and 3) a flimsy belt clip that attaches to the
>battery, not the radio.

Hmmm.   It seems to me that the full-clamshell battery that the D7A shares with many other newer communications devices is there for a reason. It provides a much firmer interface without the chance of levering, when

compared to the older half-clamshell battery or even worse, the batteries that hang off the bottom of the HT. My FT-51R which cost over $100 more new than my TH-D7A even with the upgrade, had a half-clamshell battery that developed a distinctive wiggle to it. This despite the fact that I had a drop-in charger and seldom took the battery off. I have no drop-in charger for my TH-D7A(G) and rely solely on a rapid charger (MaHa) that requires me to remove the battery at least a few times a week. The battery is still almost as tight as it was when new. That millimeter wide piece of plastic you describe is about 2mm wide on the bottom slots and 1.8mm wide on the top. My TH-D7 has survived many drops and has even fallen off my 52 inch high entertainment center (onto an unpadded carpeted floor) at least 3 or 4 times. I have sent it tumbling out my car door and onto pavement at least once. The radio is in a factory (high-vis orange) case and is no worse for the wear. The battery on a TH-D7 is heavy for obvious reasons. It has to be big enough to power all the gizmos.

I have seen no evidence to support that the encoder shaft of the TH-D7 is any more or less robust than any other HT designed for the Ham Radio Market. Nor have seen any evidence to support that the TH-D7 has a higher warranty and non-warranty repair rate than any other HT. The only way to prove that the encoder knob is worse would be to do a scientific test of various HT's. I doubt we'll get many takers on that one (anyone wanna drop their ICOM IC-Z1A on it's encoder shafts?). I will say it's better to bust an encoder shaft than to crack the PCB it's connected to.

As for the belt clip....well gee, with a full clamshell battery where are you going to attach a belt clip to OTHER than the battery? If you bought the Kenwood case you would not need to use the stupid plastic belt clip. I wouldn't subject any of my HT's to the real-world NAKED. Perhaps if you hadn't been so cheap to spring $29 bucks to protect a four hundred dollar investment, your HT may have stood up as well as mine has. ;)

>In 2 years of ownership, my D7 has been in Kenwood
>service _4_ times, and the repairs have placed the "cost of ownership" at over
>$700! Kenwood's cost to put heavy duty hardware at these points of failure
>would have been less than $15 per unit.

I bought my D7 new at Dayton '99, paid $400 for it and got the free speaker/mic from Kenwood. I have not had any problems with my D7 and paid for the upgrade, of which a few people here (who don't even own a D7) are still grousing about. I have bought over $2500 of Yaesu equipment and as I have pointed out before, all but my FT-41R have had to go back to the factory at least once. My FT-51 was plagued by PTT and side-selector button failure, which is was told by Yaesu was a very common problem. There were bugs in the 51's Firmware. My FT-8500 has had two batteries fail (one a month out of warranty) despite claims in Yaesu Ads and in the user's manual that the FT-8500 has no internal battery to fail. HOW COULD THEY MAKE THAT MISTAKE? One of the reasons I bought it was because of that claim... Yaesu charged my for an interface cable for my radios, the software was poor, and required several patches to make it work properly, and if you lose the COPY PROTECTED software, you have to BUY another copy. Kenwood showed me how to make a low-cost interface cable and provided free software to use. They also provide PDF versions of their owner's manuals on the web. Does anyone else do such much for their customers? BTW, my FT-51R interface broke, due to poor design and I had to fix it myself. Despite the fact that the interface for the FT-8500 is almost the same as the HT's, Yaesu made me BUY another interface cable and software for my mobile rig. And as I have pointed out before on this SIG, one of the Yaesu Service Fiascos I went through was double-double billing of my credit card and Yaesu holding $385 of MY dollars for almost 90 days!!! I think I should have gotten 6% interest on my loan to them...but I didn't even get a lousy Yaesu cap...

I would like to know where you came up with figure of $15 per unit to make the TH-D7 more robust. Do you design radios or work in the communications manufacturing business for a living?

73,

Mark
KC7BXS

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

55. [htaprs] gps / pager watch for kids??

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Thu, 10 Jan 2002 22:08:52 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56569-2002.01.11-00.40.04--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Saw this in a CES summary, targeting around $400 (ouch!!), and shipping in Q102, looks like an integrated pager / GPS watch, with some mapping, and a connection to the 911 network:

http://www.wherifywireless.com/prod_watches.htmGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

56. [htaprs] Re: gps / pager watch for kids??

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 11 Jan 2002 02:29:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56584-2002.01.11-03.59.56--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 12:08 AM 1/11/02, ted matsumura wrote:

>Saw this in a CES summary, targeting around $400 (ouch!!), and shipping
>in Q102, looks like an integrated pager / GPS watch, with some mapping,
>and a connection to the 911 network:
>

Odd, but it says that it's "Atomic Clock Synchronized" - isn't that redundant with the built-in GPS? It says it can be locked to the wearer's wrist. Reminds me of those radio-tracking bear collars... ;) At least the bear collars have a corroding link on them so they fall off over time.

It says their GPS works indoors. I'll believe it when I see it. I see some bogus claims, satellite paging and such. The fine print says it works through PCS networks in the US only. I hope you don't rely on it to find your child in the Dakotas. PCS is about non-existent here.

I just want to know why it doesn't have the ability to give your child a light corrective shock... Get's 'em to the supper table on time. Works great on Pug dogs who dig in the garden, BTW. Speaking of which, they need to make a pet model so we can find the same errant Pug after she digs under the fence and escapes.

I file it under Vaporware, until I see them in WalMart.

73,

Mark
KC7BXS

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To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

57. [htaprs] Re: Not APRS

From: Brian Badger <Brian.Badger@wcom.com>
Date: Fri, 11 Jan 2002 09:13:13 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56605-2002.01.11-10.41.14--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Mark,

I am astonished at the speed at which you have turned this into an attack directed at me. "If you hadn't been so cheap". Well, Mark, I did buy the case, and I use it daily. It doesn't protect the encoder knob, and fits so tightly that it stresses the battery to slide it on. It has also worn the lettering off of some of the front panel buttons. I consider it to be a marginal improvement only.

But thank you for establishing your character for the world to see.

Makes my job a lot easier.

--
Brian N0KZ

Mark Fellhauer wrote:

> As for the belt clip....well gee, with a full clamshell battery where are
> you going to attach a belt clip to OTHER than the battery? If you bought
> the Kenwood case you would not need to use the stupid plastic belt clip. I
> wouldn't subject any of my HT's to the real-world NAKED. Perhaps if you
> hadn't been so cheap to spring $29 bucks to protect a four hundred dollar
> investment, your HT may have stood up as well as mine has. ;)

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58. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: Tony Arnerich <TArnerich@IN-SITU.COM>
Date: Fri, 11 Jan 2002 10:09:04 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56620-2002.01.11-11.43.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ralph Milnes <milnes1@rcn.com>

>Or since FSR frequencies can be monitored by most 440 radios,

Unfortunately, from experience, I would not count on this. I tried that
trick once when meeting up with my wife when she needed to be picked up from
a shopping mall. My mobile gain antenna did indeed receive her signal at 5
miles in town (vs. 1/2 mile for the handheld FRS rig in the car with me),
but it was hard to tell it was her!

Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from where
a 5-KHz step Ham rig can tune means that the FRS audio sounds terrible. You
can understand human speech when you have a whomping huge signal (you almost
have to touch the antennas together <g>), but even at 1 mile I could make
out almost nothing. Packets would not fare any better.   :-(

You'd really want to use something that could precisely tune the frequency.
Might as well be an FRS rig?

>can the data be fed directly? I wonder what the GPS data
>sentence from the FSR looks like? decode-able by APRS programs?

I believe a Sproul brother stated that this is on their list.

73,

Tony KD7TA

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

59. [htaprs] Re: Not APRS

From: MEWintle@aol.com
Date: Fri, 11 Jan 2002 12:21:11 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56621-2002.01.11-11.51.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

In a message dated 1/11/02 11:14:00 AM Eastern Standard Time,
Brian.Badger@wcom.com writes:

> I am astonished at the speed at which you have turned this into an attack
directed at me.
...
> Brian N0KZ

> Mark Fellhauer wrote:
>
> > Perhaps if you
> > hadn't been so cheap to spring $29 bucks to protect a four hundred dollar
> > investment, your HT may have stood up as well as mine has. ;)

Guys, guys, guys. Chill.

Why is everyone so thin-skinned lately? This is a new year! We're all in a brotherhood. Let's cut each other some slack. Mark used the universal email sign that means "I'm just teasing" -- the wink emoticon. I think you missed it Brian.

We tech-types, as a subculture, are often reckless in saying things that will offend, and prickly when we sense that we've been wrong. I've been just as guilty as everyone else of these things.

Save your wrath for those who mean to offend. And be careful before you send an email that someone may be hurt by. Rules of thumb to live by.

Mark W1NTL

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

60. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: Bob Bruninga <bruninga@usna.edu>
Date: Fri, 11 Jan 2002 12:48:41 -0500 (EST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: TAPR Hot Technology APRS <htaprs@lists.tapr.org>
Message-ID: <LYR845-56638-2002.01.11-12.18.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 11 Jan 2002, Tony Arnerich wrote about hearing FRS on HAM rigs:
>
> Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from where
> a 5-KHz step Ham rig can tune means that the FRS audio sounds
> terrible...

I bet if one tried the other STEP sizes of 6.25 or 12.5 KHz, we might
find a closer match. ANyone want to see what the combinations are for
which FRS channels for a perfect match on all 14?

Bob

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

61. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: "Barry Delong" <bdelong@barrydelong.com>
Date: Fri, 11 Jan 2002 13:11:51 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56653-2002.01.11-12.41.49--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 11 Jan 2002, Tony Arnerich wrote about hearing FRS on HAM rigs:
>
> Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from
where
> a 5-KHz step Ham rig can tune means that the FRS audio sounds
> terrible...

****
I bet if one tried the other STEP sizes of 6.25 or 12.5 KHz, we might
find a closer match. ANyone want to see what the combinations are for
which FRS channels for a perfect match on all 14?

Bob

****

I use the 12.5 step and am able to tune all the FRS frequecies on my amateur radio. Perhaps older models don't have the ability to change freqency steps. I am not sure about this.

Barry
VA3BJD-7
fn03dl

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62. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Fri, 11 Jan 2002 10:17:39 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56655-2002.01.11-12.48.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

VX-5R with sw or hw mod does FRS all channels and subcodes, and has half deviation and 12.5 tuning steps, and low power modes.

However, it is not "type accepted" for FRS, but technically and theoretically it can operate as an FRS radio.
 ----- Original Message -----
From: Bob Bruninga
Sent: Friday, January 11, 2002 9:51 AM
To: TAPR Hot Technology APRS
Cc: TAPR Hot Technology APRS
Subject: [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

On Fri, 11 Jan 2002, Tony Arnerich wrote about hearing FRS on HAM rigs:
>
> Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from where
> a 5-KHz step Ham rig can tune means that the FRS audio sounds
> terrible...

I bet if one tried the other STEP sizes of 6.25 or 12.5 KHz, we might
find a closer match. ANyone want to see what the combinations are for
which FRS channels for a perfect match on all 14?

Bob

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63. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

From: Matt Steinhoff <mls@steinhoff.net>
Date: Fri, 11 Jan 2002 14:46:18 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56663-2002.01.11-14.16.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> From: Tony Arnerich <TArnerich@IN-SITU.COM>
> the narrower bandwidth on FRS plus the 2.5 KHz
> offset from where a 5-KHz step Ham rig can tune
> means that the FRS audio sounds terrible.

    The step size isn't an issue on the Kenwood
D7. With a 12.5 Hz step, it tunes FRS just fine.
Or you can just use the software of your choice
to blow the frequency into the radio.
    FRS sounds great as received on the D7.
    The problem, as you noted, is talking to FRS
from a ham radio. With a simple (if you have tiny
fingers, great eye sight and don't mind bending
the law) mod, the D7 will TX out of band in the
FRS range.
    However, the audio is really poor. The ham
signal is just too wide for the FRS radio. It
sounds low and muddy. In a pinch, it works but
it is no substitute for an actual FRS radio.

    Matt (k4mls)

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Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org

64. [htaprs] Re: Not APRS

From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 11 Jan 2002 22:44:02 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56783-2002.01.11-23.22.16--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 10:13 AM 1/11/02, Brian Badger wrote:
>Mark,
>
>I am astonished at the speed at which you have turned this into an attack
>directed
>at me.

There was a little emoticon at the end of the statement denoting a wink,
which ment I was giving you a ribbing and not attacking your
character. Sorry you took it the wrong way.

>But thank you for establishing your character for the world to see.

My character is well known on this SIG. I've been here for a long
time.   I'm sorry you glossed over the points I raised and chose not to
respond to a single one of them. I'm also sorry that Stan has asked us to
take this off the SIG, because I feel you've seriously mis-characterized
Kenwood and the TH-D7, and this is supposedly the SIG for discussing the
TH-D7 and D-700.   But I have always deferred to Stan in the past and
always will. I understand he has a very tough job.

Regards,

Mark
KC7BXS

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65. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

From: Matt Meola <af0d@qsl.net>
Date: 12 Jan 2002 11:43:26 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56851-2002.01.12-13.12.54--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Fri, 2002-01-11 at 12:46, Matt Steinhoff wrote:
    > From: Tony Arnerich <TArnerich@IN-SITU.COM>
    > the narrower bandwidth on FRS plus the 2.5 KHz
    > offset from where a 5-KHz step Ham rig can tune
    > means that the FRS audio sounds terrible.

        The step size isn't an issue on the Kenwood
    D7. With a 12.5 Hz step, it tunes FRS just fine.
    Or you can just use the software of your choice
    to blow the frequency into the radio.
This is what I did; the programming software from Kenwood allowed me to
blast it in just fine.

One other problem -- the "privacy codes" do not appear to be PL tones --
I listened to the rest of my family on the ski slopes last year, and I
also hear everyone else who was on that frequency. Tone squelch will
not work.

--
Matt Meola   AFØD

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66. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

From: "Barry Delong" <bdelong@barrydelong.com>
Date: Sat, 12 Jan 2002 14:25:37 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56860-2002.01.12-13.55.29--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

-----Original Message-----
From: bounce-htaprs-25015@lists.tapr.org
[mailto:bounce-htaprs-25015@lists.tapr.org]On Behalf Of Matt Meola
Sent: Saturday, January 12, 2002 1:43 PM
To: TAPR Hot Technology APRS
Subject: [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

One other problem -- the "privacy codes" do not appear to be PL tones --
I listened to the rest of my family on the ski slopes last year, and I
also hear everyone else who was on that frequency. Tone squelch will
not work.

Hi Matt,

I think your mistaken here. The 38 Privacy codes are the same Amateur radios use. Kenwood's site describes them as "Industry Standard Codes". It's just possible everyone was using the same tone. Usually the first one on the list. Typical FRS user: Channel 1 Privacy code 1.

I doubt the FRS radio manufacturers are going to develop a new set of PL tones for FRS. With a MOD I think most modern UHF transceivers are capable of receiving and transmitting on every FRS/GMRS channel and Privacy code combo. The only problem is that it's illegal.

73
Barry
VA3BJD

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67. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic) (still: off-topic)

From: Matt Steinhoff <mls@steinhoff.net>
Date: Sat, 12 Jan 2002 14:46:30 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56863-2002.01.12-14.16.37--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

> One other problem -- the "privacy codes" do not appear to be PL tones

I think you are mistaken. If you take a look here...
http://www.jd-electronics.com/freq.html
...there's a good reference for Motorola's FRS radios (TalkAbout, TalkAbout Plus) which also applies to most all FRS radios.

> I listened to the rest of my family on the ski slopes last year, and
> I also hear everyone else who was on that frequency.

That's just user saturation. First of all, most people leave the tone set to the radio default. Secondly, in areas of high use, there is no way each user group could have its own PL tone.
I live on Orlando just a few miles away from Universal Studios and a bit further from Disney. I swear every tourist now owns an FRS. On the off chance that they don't, the parks rent FRS radios.
With park visitors numbering more than 150,000 a day between those two and Sea World you can understand how -- even with just half a watt, poor ears and 30-some-odd tones -- hundreds of people are on each channel with every possible combination of tone.
I'm sure that's what you were seeing on the ski slopes and not simply a tone failure. Also, keep in mind that many of the early and less expensive FRS radios don't have tone at all.

And, of course, half of all FRS users are generating that a very
much annoying calling chime at all times. {sigh}

Matt (k4mls)

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68. [htaprs] Re: D7AG newbie question.

From: Walter Dunckel <walter@radiohound.com>
Date: Sat, 12 Jan 2002 11:52:01 +0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56865-2002.01.12-14.21.21--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have some Garmin waypoint "upload compliant" information at
http://www.radiohound.com/gps.htm and would be glad to update it with more
information about Magellan and others. If anyone has more information about
other GPS receivers, just let me know and I will add/subract them from the
list.

Many of the Garmin receivers add the NMEA in/out with their software updates.
If you do not have the newest software version, you should try the update
before you conclude that your GPS in not capable of NMEA in/out.

Thanks,

Walter
mailto:walter@radiohound.com

On Thursday 10 January 2002 11:01 am, Bob Bruninga wrote:
> I assume somewhere we have a LIST of all known GPS's that do accept the
> Waypoints and those that dont. Anyone know the URL?
>
> If not, Any volunteers?
>
> Bob
>
> de WB4APR@amsat.org, Bob

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69. [htaprs] Re: D7AG oldie question.

From: "Jon Haskell" <kb9cml@att.net>
Date: Sat, 12 Jan 2002 23:05:06 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Cc: "'TAPR Hot Technology APRS'" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56928-2002.01.12-22.40.12--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Hi All....does anyone know how, if possible, to put an international prefix
in front of your call in the APRS menu?   eg.....HC/W8JON. I have tried a
number of variations via the Kenwood software and direct entry with no
success.

Thanks,
Jon W8JON

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70. [htaprs] Re: D7AG oldie question.

From: Skip Allison <sallison@megsinet.net>
Date: Sat, 12 Jan 2002 22:16:34 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-56942-2002.01.12-22.47.53--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

You can't. You can put the call in the status text.

Skip
K9SA

Jon Haskell wrote:
>
> Hi All....does anyone know how, if possible, to put an international prefix
> in front of your call in the APRS menu? eg.....HC/W8JON. I have tried a
> number of variations via the Kenwood software and direct entry with no
> success.
>
> Thanks,
> Jon W8JON
>

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71. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

From: Phil Reed <preed@dnaco.net>
Date: Sun, 13 Jan 2002 11:59:05 -0500
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57094-2002.01.13-11.36.48--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

At 11:43 AM 1/12/2002 -0700, Matt Meola wrote:

>One other problem -- the "privacy codes" do not appear to be PL tones --
>I listened to the rest of my family on the ski slopes last year, and I
>also hear everyone else who was on that frequency. Tone squelch will
>not work.

All the tones do is open the squelch of the receiver (if the receiver is
set to use the same PL tone). If your squelch is open for some other
reason, like the receiver gets overloaded, or if you don't turn on tone
decode (thus your receiver opens on any transmission), or if you press the
Monitor button, then you'll hear everything. The term "privacy" code is
somewhat misapplied.

                                  ...phil / w8sca

"For a list of all the ways technology has failed
     to improve the quality of life, press 3."

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72. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: DominicPope@aol.com
Date: Sun, 13 Jan 2002 15:27:08 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57134-2002.01.13-14.57.03--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

n a message dated 11/01/02 17:51:26 PM GMT Standard Time, bruninga@usna.edu
writes:

> On Fri, 11 Jan 2002, Tony Arnerich wrote about hearing FRS on HAM rigs:
> >
> > Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from
> where
> > a 5-KHz step Ham rig can tune means that the FRS audio sounds
> > terrible...
>
> I bet if one tried the other STEP sizes of 6.25 or 12.5 KHz, we might
> find a closer match. ANyone want to see what the combinations are for
> which FRS channels for a perfect match on all 14?
>
> Bob
>

Hi All Bob's right there, even on my Icom W2E there 5KHz steps and also the
same with my Alinco DR-610! I have not checked the TMD 700E yet?

Dominic

73. [htaprs] Re: D7AG newbie question (Garmin NMEA input).

From: Phillip Clark <pbclark1@attglobal.net>
Date: Sun, 13 Jan 2002 12:36:02 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57139-2002.01.13-15.07.00--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

A quick e-mail note to Garmin from all who want to use the GPS V for
APRS would help encourage them to provide the update to support way
point input. I did this for the StreetPilot III, received a timely
reply note that they would consider it, and consequently, it was added
in the 2.11 firmware update. I explained why I wanted it. Garmin
listens to users!

Phil   KD6SP

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74. [htaprs] RE:GPS-Outfitted FSRs (was Not APRS)

From: Walter Dunckel <walter@radiohound.com>
Date: Sun, 13 Jan 2002 12:45:54 +0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57140-2002.01.13-15.15.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

On Saturday 12 January 2002 01:48 am, Bob Bruninga wrote:
> On Fri, 11 Jan 2002, Tony Arnerich wrote about hearing FRS on HAM rigs:
> > Problem is, the narrower bandwidth on FRS plus the 2.5 KHz offset from
> > where a 5-KHz step Ham rig can tune means that the FRS audio sounds
> > terrible...
>
> I bet if one tried the other STEP sizes of 6.25 or 12.5 KHz, we might
> find a closer match. ANyone want to see what the combinations are for
> which FRS channels for a perfect match on all 14?
>
> Bob

Here's the frequency list straight out of my D7's freq file, if anyone's
interested. Works great, and never noticed narrower bandwidth problem. I
think you just need to be tuned the the correct frequency.

```
184     00462562500     3       0       0       0       0               13              09
005000000       0       0                               FRS-1
185     00462587500     3       0       0       0       0               13              09
005000000       0       0                               FRS-2
186     00462612500     3       0       0       0       0               13              09
005000000       0       0                               FRS-3
187     00462637500     3       0       0       0       0               13              09
005000000       0       0                               FRS-4
188     00462662500     3       0       0       1       0               01              09
005000000       0       0                               FRS-5
189     00462687500     3       0       0       0       0               13              09
005000000       0       0                               FRS-6
190     00462712500     3       0       0       0       0               13              09
005000000       0       0                               FRS-7
191     00467562500     3       0       0       0       0               13              09
005000000       0       0                               FRS-8
192     00467587500     3       0       0       0       0               13              09
005000000       0       0                               FRS-9
193     00467612500     3       0       0       0       0               13              09
005000000       0       0                               FRS-10
194     00467637500     3       0       0       0       0               13              09
005000000       0       0                               FRS-11
195     00467662500     3       0       0       0       0               13              09
005000000       0       0                               FRS-12
196     00467687500     3       0       0       0       0               13              09
005000000       0       0                               FRS-13
197     00467712500     3       0       0       0       0               13              09
005000000       0       0                               FRS-14
```

Walter

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75. [htaprs] Mercedes Built In GPS Works Great w/ D700!

From: "Larry Zanella" <zcopters@attbi.com>
Date: Sun, 13 Jan 2002 18:54:0
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57193-2002.01.13-19.23.50--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

FYI---My Mercedes ML-320 equiped with the GPS option hooks in nicely to my
D-700. It is simple to get to the factory molex connector. I have a pigtail
w/ molex connector to hook to my D700 so I can disconnect it for any
warranty work on the car.

Larry

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76. [htaprs] RE: Mercedes Built In GPS Works Great w/ D700!

From: "Lee Inman" <leei@att.net>
Date: Sun, 13 Jan 2002 20:51:14 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57213-2002.01.13-22.19.39--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

>
> FYI---My Mercedes ML-320 equiped with the GPS option hooks in
> nicely to my
> D-700. It is simple to get to the factory molex connector. I
> have a pigtail
> w/ molex connector to hook to my D700 so I can disconnect it for any
> warranty work on the car.
>
> Larry

Sure would like to do something similar with my OnStar system.

Anyone know if this is possible?

Thanks,

Lee

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77. [htaprs] RE:GPS-Outfitted FSRs (was: Not APRS) (is: off-topic)

From: Skip Allison <sallison@megsinet.net>
Date: Sun, 13 Jan 2002 23:32:23 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57226-2002.01.14-00.03.01--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Phil Reed wrote:
>
> All the tones do is open the squelch of the receiver (if the receiver is
> set to use the same PL tone). If your squelch is open for some other
> reason, like the receiver gets overloaded, or if you don't turn on tone
> decode (thus your receiver opens on any transmission), or if you press the
> Monitor button, then you'll hear everything. The term "privacy" code is
> somewhat misapplied.

Not as much as the Motorola term "Private Line"!

Skip

K9SA

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78. [htaprs] RE: htaprs digest: January 13, 2002

From: "Petz, Michael" <mpetz@stlcc.cc.mo.us>
Date: Mon, 14 Jan 2002 11:46:57 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57270-2002.01.14-12.16.52--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Yes I have a OnStar system also. Anyone know of a way to connect a D700 to
the OnStar GPS?

Michael
KA9HNT

Subject: RE: Mercedes Built In GPS Works Great w/ D700!
From: "Lee Inman" <leei@att.net>
Date: Sun, 13 Jan 2002 20:51:14 -0700
X-Message-Number: 6

>
> FYI---My Mercedes ML-320 equiped with the GPS option hooks in
> nicely to my
> D-700. It is simple to get to the factory molex connector. I
> have a pigtail
> w/ molex connector to hook to my D700 so I can disconnect it for any
> warranty work on the car.
>
> Larry

Sure would like to do something similar with my OnStar system.

Anyone know if this is possible?

Thanks,

Lee

79. [htaprs] Re: D7AG oldie question.

From: Jon Ogden <na9d-2@speakeasy.net>
Date: Mon, 14 Jan 2002 21:34:46 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57363-2002.01.14-22.04.40--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

The AX.25 packet protocol does not allow the / character in the callsign
field.

As others said, put it in your status text. And make sure you send the
status at least every 10 minutes.

73,

Jon
NA9D

on 1/12/02 10:05 PM, Jon Haskell at kb9cml@att.net wrote:

>
> Hi All....does anyone know how, if possible, to put an international prefix
> in front of your call in the APRS menu?   eg.....HC/W8JON. I have tried a
> number of variations via the Kenwood software and direct entry with no
> success.
>
> Thanks,
> Jon W8JON
>
>
>
> ---
> You are currently subscribed to htaprs as: na9d-2@speakeasy.net

> To unsubscribe send a blank email to leave-htaprs-845T@lists.tapr.org
> Questions regarding the SIG go to the SIG administrator: wa1lou@tapr.org
>
>

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80. [htaprs] Re: SMA adapter

From: "ted matsumura" <tedmcom@hotmail.com>
Date: Wed, 16 Jan 2002 04:29:51 -0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57525-2002.01.16-07.01.02--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I'm a little slow, anyone know if these are still available? The p/n doesn't come up on their web site.
  Thanks.

*****

Subject: Re: SMA adapter
From: Mark Fellhauer <sparkfel@qwest.net>
Date: Fri, 14 Dec 2001 00:12:01 -0600
X-Message-Number: 1

At 07:22 PM 12/13/01, Roy Bost wrote:

>Radio Shack has a SMA to BNC adaptor with 3.5 feet of RG-174 for $14.99!
>Stock number 940-1183. It's on page 88 of the Big 2002 catalog.

Not stocked in stores, special order only.   I'm just wondering if it's
vaporware, like 90% of the stuff they have listed that not stocked in
stores.   Anyone actually purchased one and received it?

73,

Mark
KC7BXSGet more from the Web. FREE MSN Explorer download : http://explorer.msn.com

81. [htaprs] Re: SMA adapter

From: Chris McKendry <n5cwm@yahoo.com>
Date: Wed, 16 Jan 2002 13:27:11 -0800 (PST)
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57588-2002.01.16-15.57.08--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I just received mine in the mail from Radio Shack
Unlimited, which suprised me
because a day earlier I received a letter informing
me that the adapter cable was discontinued. I did
receive the correct cable. The part numbers on the
bag are: EOVA-PEC48SMA 12050647. I ordered it on Dec
21 2001 and received it on January 12th 2002.

-Chris N5CWM
Lake Conroe, TX
http://n5cwm.dynip.com/

--- ted matsumura <tedmcom@hotmail.com> wrote:
> I'm a little slow, anyone know if these are still
> available? The p/n doesn't come up on their web
> site. Thanks.
>
> *****
>
>
> Subject: Re: SMA adapter
> From: Mark Fellhauer <sparkfel@qwest.net>
> Date: Fri, 14 Dec 2001 00:12:01 -0600
> X-Message-Number: 1
>
> At 07:22 PM 12/13/01, Roy Bost wrote:
>
> >Radio Shack has a SMA to BNC adaptor with 3.5 feet
> of RG-174 for $14.99!

> >Stock number 940-1183. It's on page 88 of the Big
> 2002 catalog.
>
> Not stocked in stores, special order only.   I'm
> just wondering if it's
> vaporware, like 90% of the stuff they have listed
> that not stocked in
> stores.   Anyone actually purchased one and received
> it?
>
> 73,
>
> Mark
> KC7BXSGet more from the Web. FREE MSN Explorer
> download : http://explorer.msn.com
>

_____
Do You Yahoo!?
Send FREE video emails in Yahoo! Mail!
http://promo.yahoo.com/videomail/

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82. [htaprs] RE: htaprs digest: January 13, 2002

From: "Larry Zanella" <zcopters@attbi.com>
Date: Thu, 17 Jan 2002 3:59:45
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57680-2002.01.17-04.29.42--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Michael,

Go to your dealer and get the technical shop document that covers the
OnStar system in your particular make and model vehicle. They should hgave
such documentaion at the dealership service center in order to remove and
replace the unit. They may not have a lot of details, however, as these
sorts of RF modules are routinely sent back to the vendor for depot level
maintence, down to the board level. Check the schematic, as this will show
you where the actual GPS reciver module is located within the OnStar
chasis. Otherwiase, if you can get them to show you where the OnStar unit
is located, finding the GS receiver module is usually a snap because you
can simply follow the RF coax into the unit. It is easy, once you get to it
to pull the cover and tap into the GPS unit.

The trick is that you will need to find out who the manufacturer is (it may
not necessarily be Delco---could be Hughes, or an off-shore outfit like
Panasonic, etc.). Anyways, once you find out the manufacturer, then you
need to check two things: 1), Find out if it is NMEA standard interface and
protocol. If Yes, your in good shape. If not, check the guy on the Internet
that sells the converter modules. Second, you will need the pinout
information (including position number on the GPS signal I/O connector, and
the associated wire color coding) so you can tell where to hook into it. In
my case, I'm only using the GPS OUT signal, as I don't have any desire to
clutter my MCU Display with Waypoints.

I'm sure you will be pleased. It's great to avoid having to add an
additional GPS antenna, and associated coax run, for APRS when you already
have a GPS receiver!

Good Luck!

Larry WA7LZO

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83. [htaprs] RE: htaprs digest: January 13, 2002

From: Jon Ogden <na9d-2@speakeasy.net>
Date: Thu, 17 Jan 2002 07:23:56 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57686-2002.01.17-07.53.55--lyris.htaprs#tapr.org@lists.tapr.org>

Rendered body type: text/plain

on 1/17/02 3:59 AM, Larry Zanella at zcopters@attbi.com wrote:

> The trick is that you will need to find out who the manufacturer is (it may
> not necessarily be Delco---could be Hughes, or an off-shore outfit like
> Panasonic, etc.). Anyways, once you find out the manufacturer, then you
> need to check two things: 1), Find out if it is NMEA standard interface and
> protocol. If Yes, your in good shape. If not, check the guy on the Internet
> that sells the converter modules. Second, you will need the pinout
> information (including position number on the GPS signal I/O connector, and
> the associated wire color coding) so you can tell where to hook into it. In
> my case, I'm only using the GPS OUT signal, as I don't have any desire to
> clutter my MCU Display with Waypoints.

The OnStar GPS system is most likely manufactured by Motorola. They have a large automotive group and they are heavily involved with a lot of the auto makers.

73,

Jon
NA9D

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84. [htaprs] RE: htaprs digest: January 13, 2002

From: MEWintle@aol.com
Date: Thu, 17 Jan 2002 12:20:31 EST
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57711-2002.01.17-11.50.33--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Some people have already blazed this trail. There are a few web pages dedicated to "hacking" OnStar which would probably help. Here's a useful resource:

http://www.tapr.org/tapr/html/Foncorevp.html

In a message dated 1/17/02 5:02:20 AM Eastern Standard Time, zcopters@attbi.com writes:

> The trick is that you will need to find out who the manufacturer is (it may
> not necessarily be Delco---could be Hughes, or an off-shore outfit like
> Panasonic, etc.). Anyways, once you find out the manufacturer, then you
> need to check two things: 1), Find out if it is NMEA standard interface and
> protocol. If Yes, your in good shape. If not, check the guy on the Internet
> that sells the converter modules. Second, you will need the pinout
> information (including position number on the GPS signal I/O connector, and
> the associated wire color coding) so you can tell where to hook into it. In
> my case, I'm only using the GPS OUT signal, as I don't have any desire to
> clutter my MCU Display with Waypoints.

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85. [htaprs] D700A & etrek Vista

From: "Derrick George" <derrick.george@worldnet.att.net>
Date: Thu, 17 Jan 2002 11:45:8
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57715-2002.01.17-12.15.06--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

I have recently puchased a D700A and tried to connect my etrek Vista to the D700A. I made the change in the GPS receiver set-up to reflect "nmea in-nmea out" and also correctly made the menu changes in the GPS menu on the D700A. The problem is that my GPS is not sending position information to the D700A? (or the D700A is not receiving the info?)I have checked the wiring in the cable and plug on both ends and everything is correct. Any

ideas?
PS I'm able to receive APRS stations with no problem on the D700A

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86. [htaprs] RE: D700A & etrek Vista

From: "Lee Inman" <leei@att.net>
Date: Thu, 17 Jan 2002 18:16:33 -0700
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57784-2002.01.17-19.46.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Be sure that you've turned the D700's "beacon" mode and set up the
frequency that you want them sent. Also, if the D700 is receiving GPS
data the "GPS" indicator will be flashing. If "GPS" isn't flashing and
the GPS unit has a satellite lock, then I'd look more at the connection.

73, Lee KC0LGW

>
> I have recently puchased a D700A and tried to connect my
> etrek Vista to the
> D700A. I made the change in the GPS receiver set-up to reflect "nmea
> in-nmea out" and also correctly made the menu changes in the
> GPS menu on
> the D700A. The problem is that my GPS is not sending position
> information
> to the D700A? (or the D700A is not receiving the info?)I have
> checked the
> wiring in the cable and plug on both ends and everything is
> correct. Any
> ideas?
> PS I'm able to receive APRS stations with no problem on the D700A
>

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87. [htaprs] Re: D700A & etrek Vista

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 17 Jan 2002 19:33:05 +0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57796-2002.01.17-22.02.41--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Where did you get your cable? You can check to see that it is made correctly
at:

http://www.radiohound.com/gpsetup.htm .

This shows a GPS to TH-D7 cable, but they are the same.

It is pretty easy to wire backwards. It is also easy to plug it into the DB9
comm port of the radio. Neither works as well as a properly wired cable.

Also, under the APRS menu, make sure that GPS Unit = NMEA
For waypoints to reach your GPS, make sure you select Waypoint = 6 Digits
NMEA (I think this is the best that the standard Etrex can do - handle the
last 6 characters of any callsigns).

Walter

On Thursday 17 January 2002 07:45 pm, Derrick George wrote:
> I have recently puchased a D700A and tried to connect my etrek Vista to the
> D700A. I made the change in the GPS receiver set-up to reflect "nmea
> in-nmea out" and also correctly made the menu changes in the GPS menu on
> the D700A. The problem is that my GPS is not sending position information
> to the D700A? (or the D700A is not receiving the info?)I have checked the
> wiring in the cable and plug on both ends and everything is correct. Any
> ideas?
> PS I'm able to receive APRS stations with no problem on the D700A

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88. [htaprs] Re: D700A & etrek Vista

From: Walter Dunckel <walter@radiohound.com>
Date: Thu, 17 Jan 2002 19:34:53 +0800
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57799-2002.01.17-22.04.43--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Sorry, the Vista handles the full 9 characters of the callsign.

Walter

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89. [htaprs] Re: D700A & etrek Vista

From: Alan Morris G4ENS <alan@computerweekly.net>
Date: Fri, 18 Jan 2002 21:53:17 +0000
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57888-2002.01.18-16.23.35--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

"Derrick George" <derrick.george@worldnet.att.net> wrote:-

> The problem is that my GPS is not sending position information to the D700A? (or the D700A is not receiving the info?)I have checked the wiring in the cable and plug on both ends and everything is correct. Any ideas?

The better known problem is, checking that the Tx/Rx data lines are the correct way round as Kenwood's manual, suggests the wrong way round.

The lesser know problem is that the GPS cable from Kenwood has an extra transparent sheath on the wires, which can stop a good solder joint. Look with a magnifying glass.
--
Alan R Morris, G4ENS.
Bury St Edmunds, Suffolk, UK.
No HTML, using a Psion 5mx & Nokia 6210e at 9.6Kb.

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90. [htaprs] Re: D700A & etrek Vista

From: "Roy Bost" <rbost@itexas.net>
Date: Fri, 18 Jan 2002 16:58:14 -0600
To: "TAPR Hot Technology APRS" <htaprs@lists.tapr.org>
Message-ID: <LYR845-57893-2002.01.18-17.28.31--lyris.htaprs#tapr.org@lists.tapr.org>
Rendered body type: text/plain

Ah yes! Those little "frog hairs" and solder don't mix very well!!! Found out the hard way!!

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